

Yield (BOE/ton)

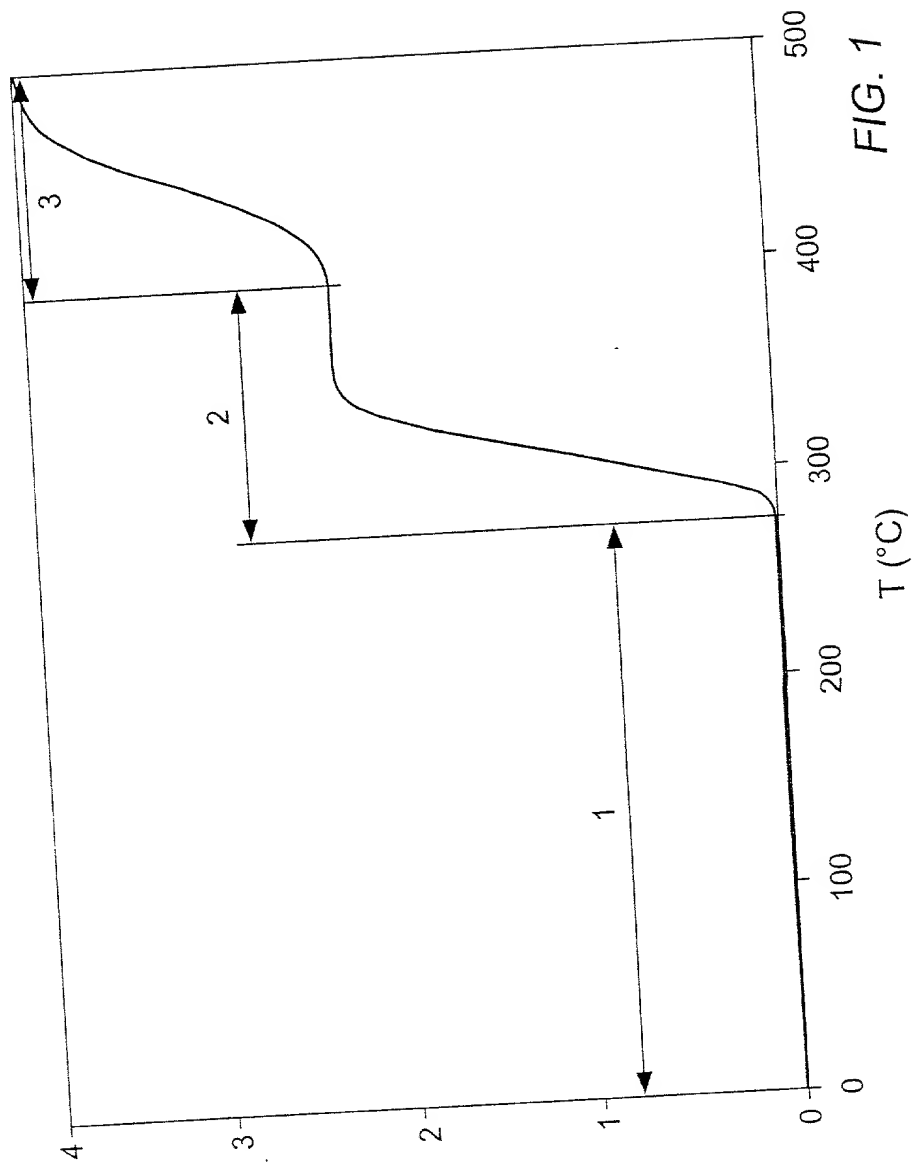


FIG. 1

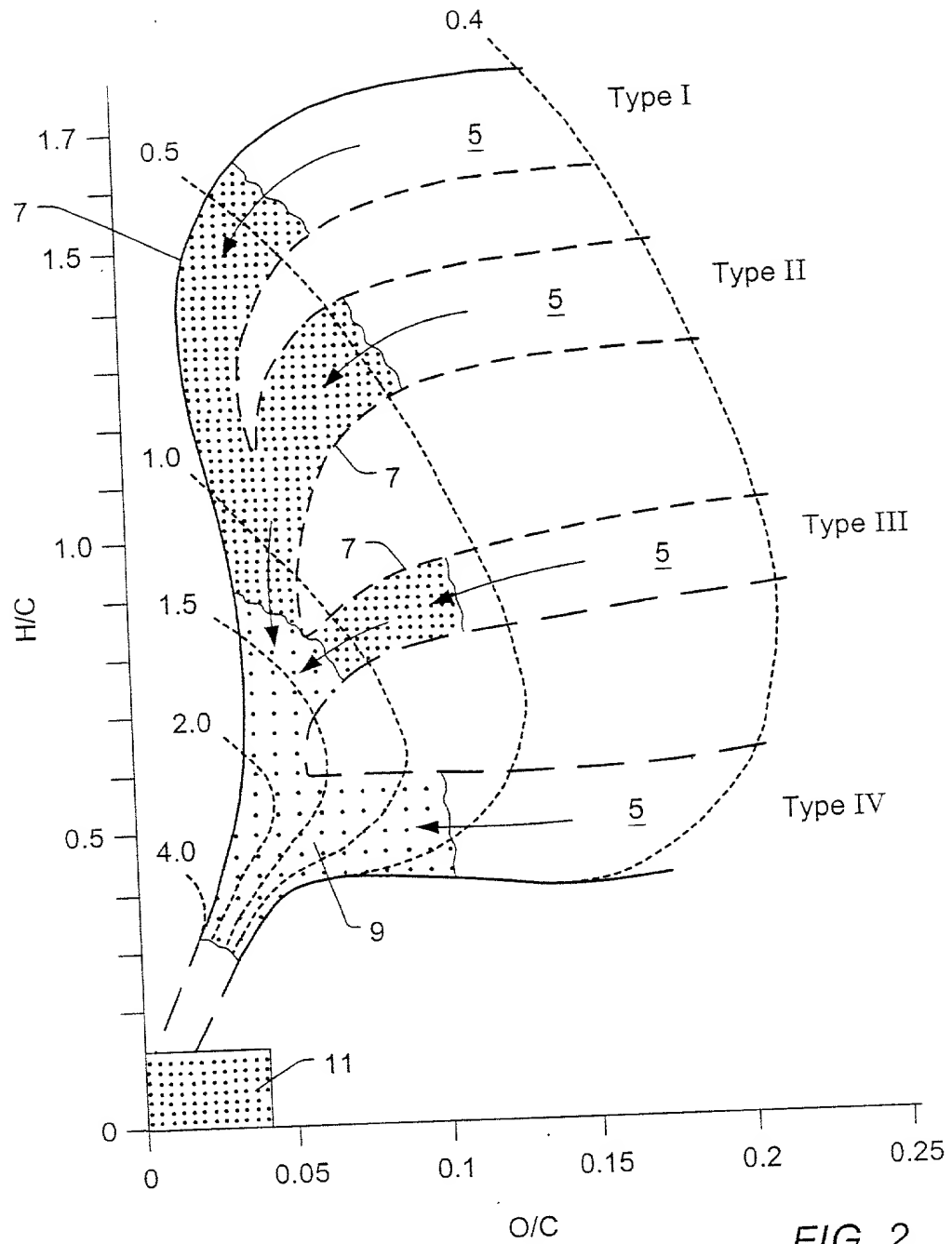
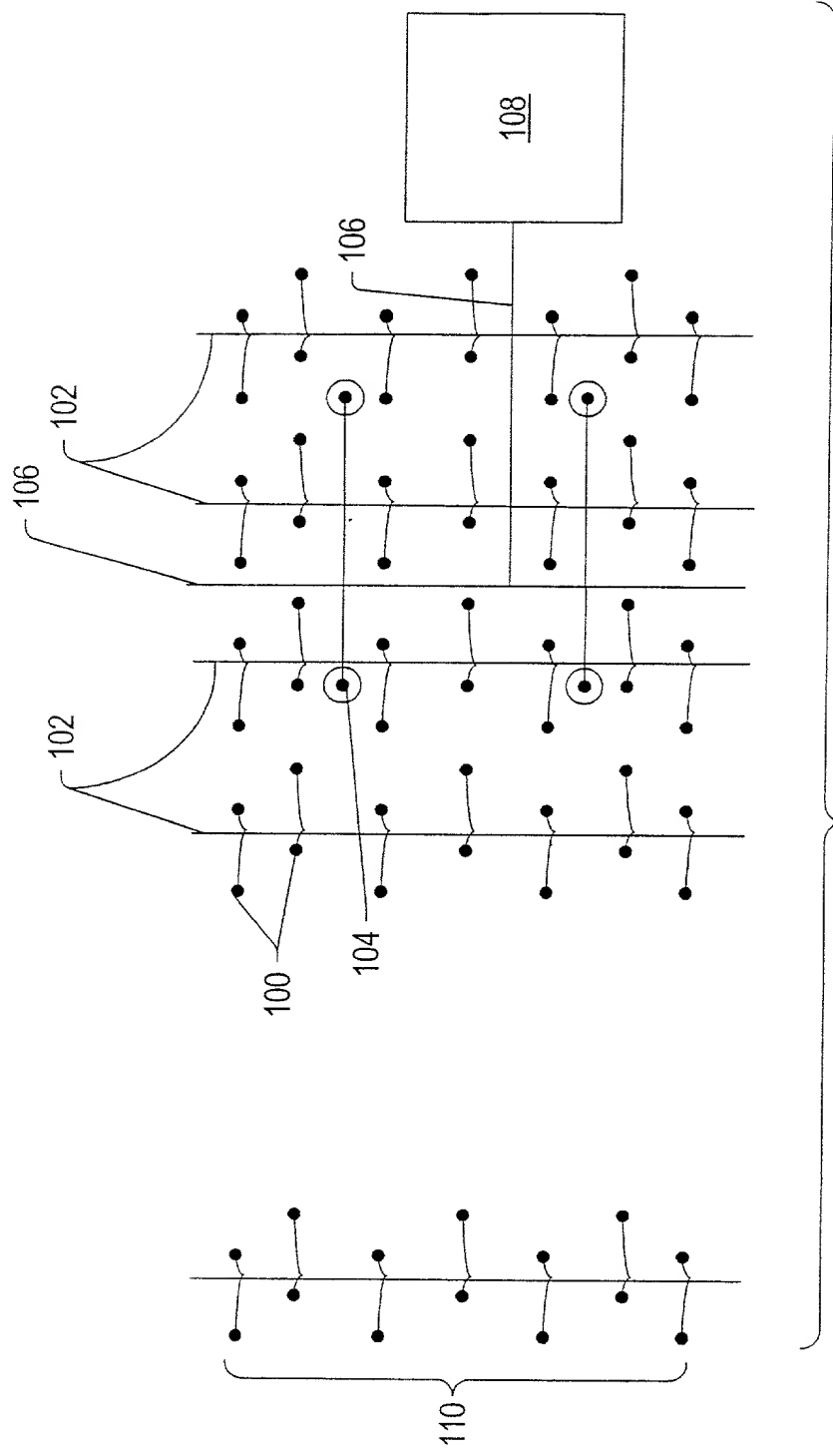


FIG. 2



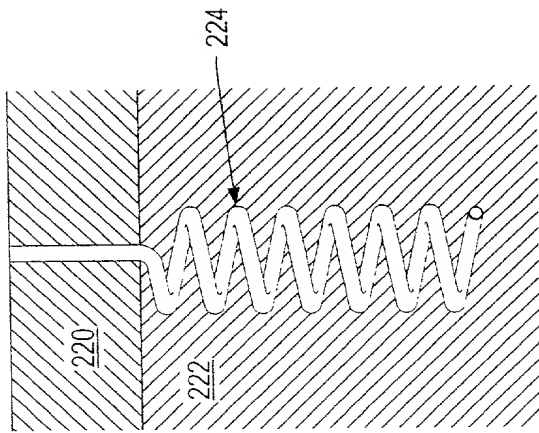


FIG. 3a

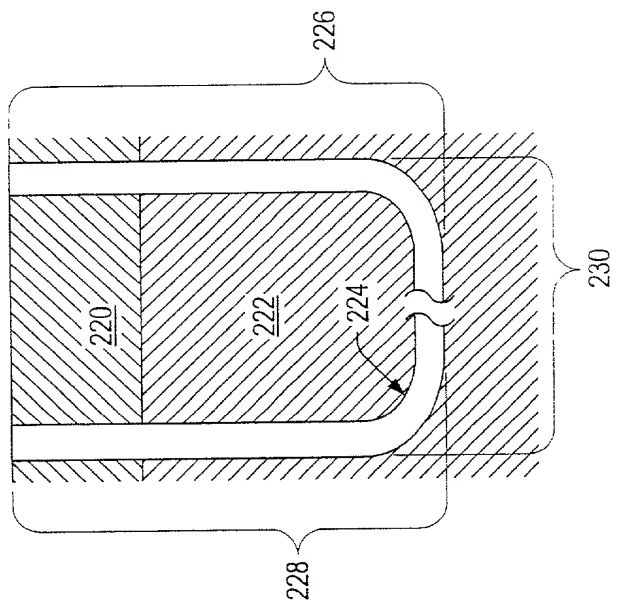


FIG. 3b

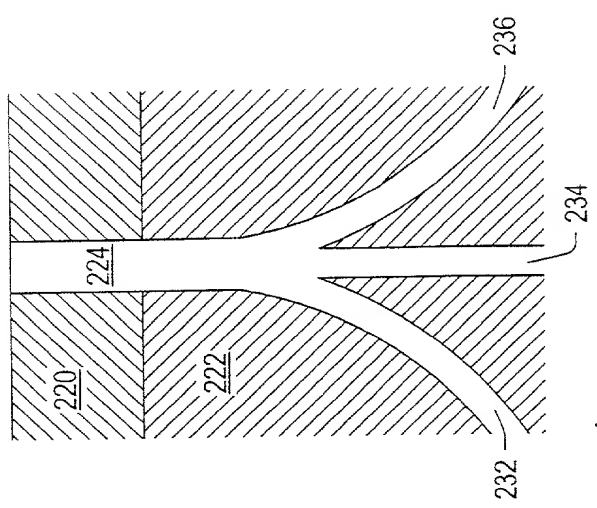
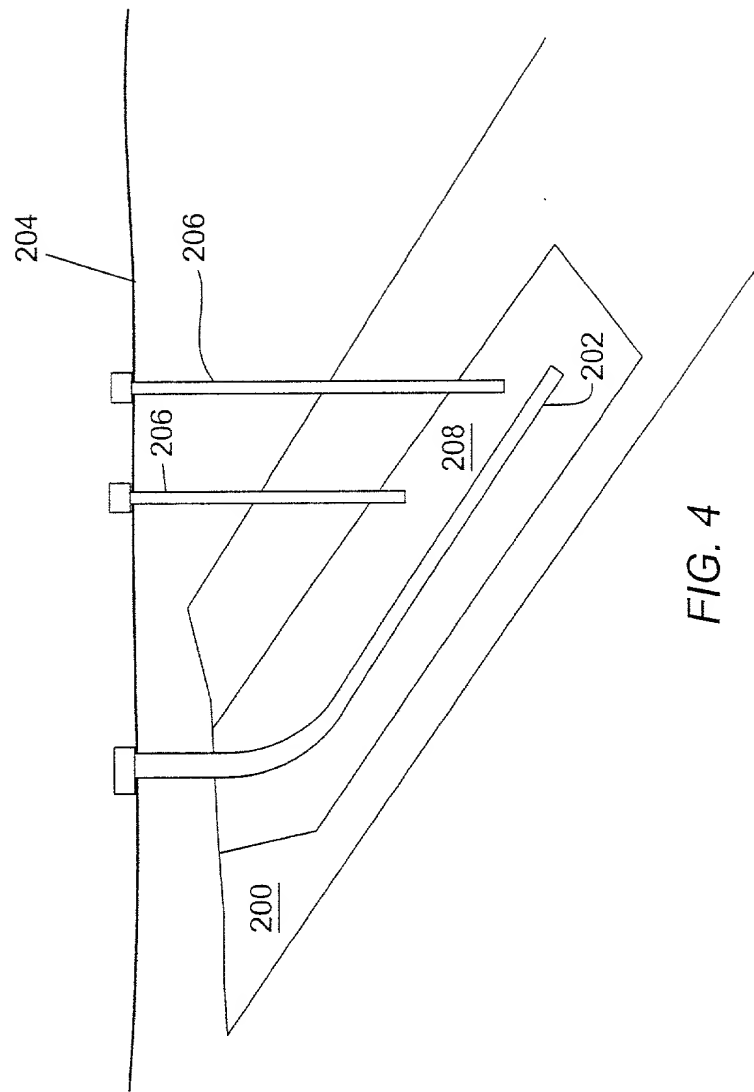
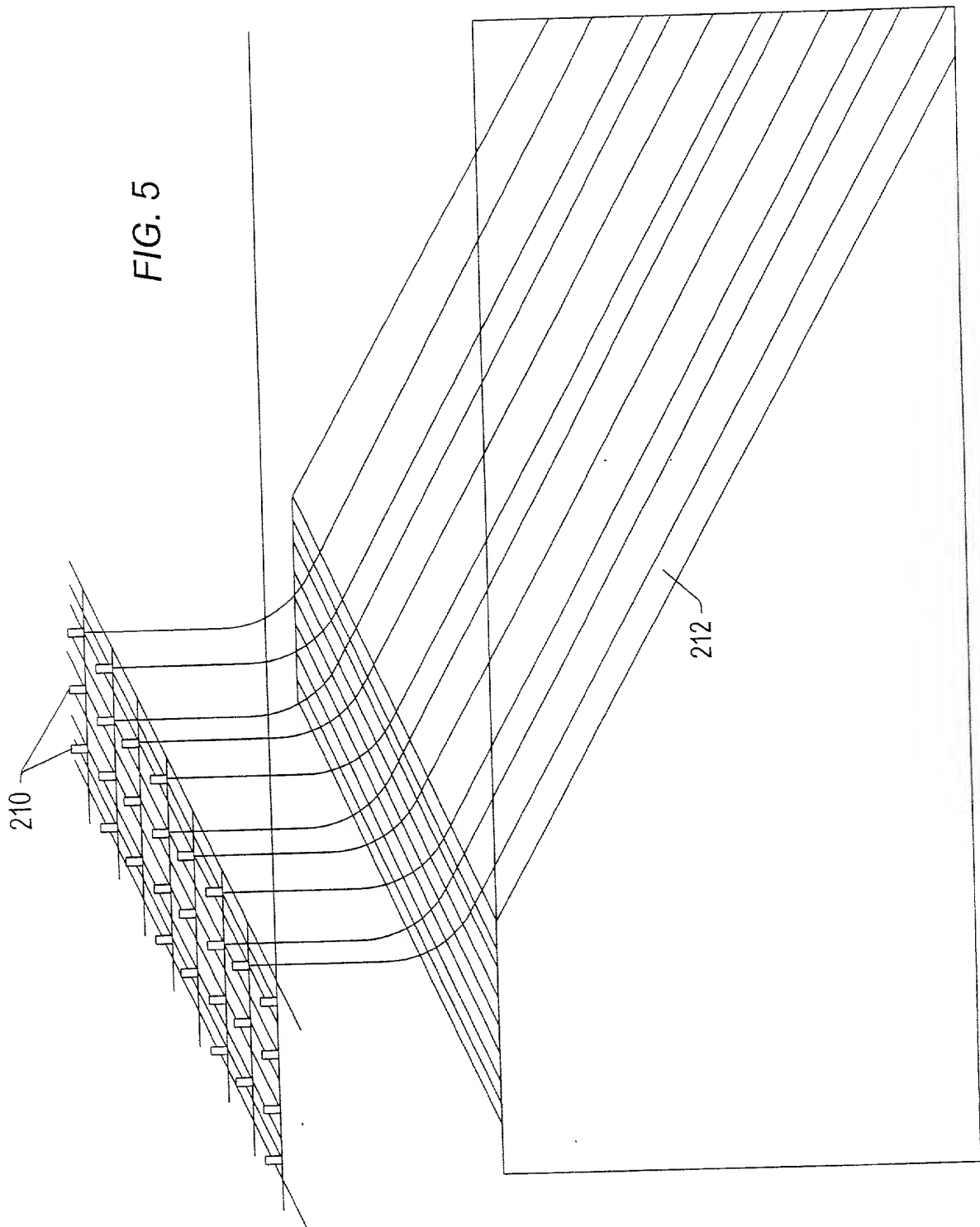


FIG. 3c





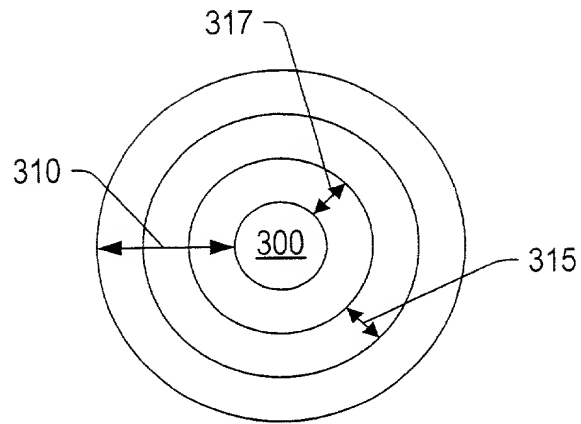


FIG. 6

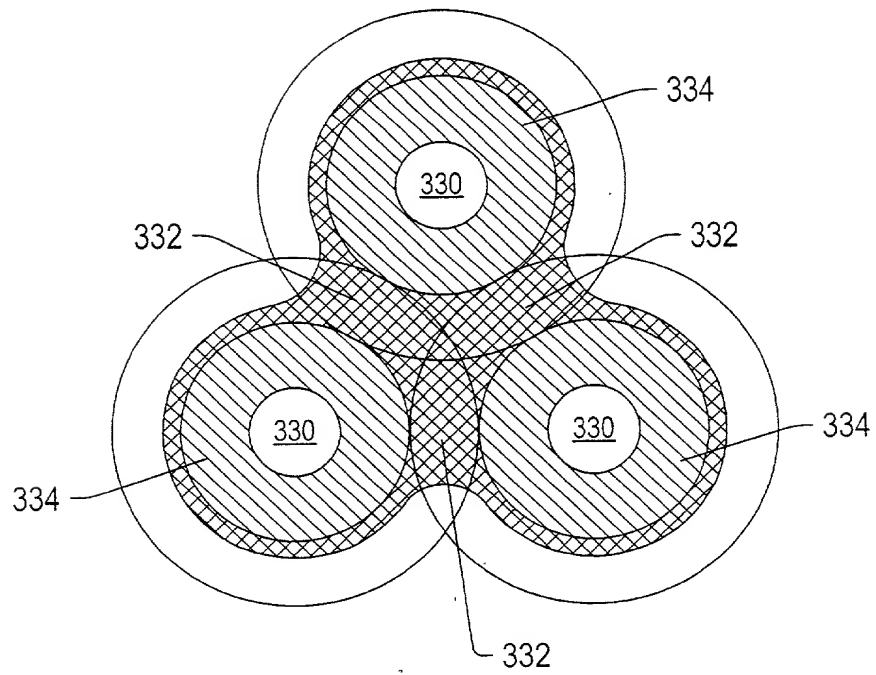


FIG. 7

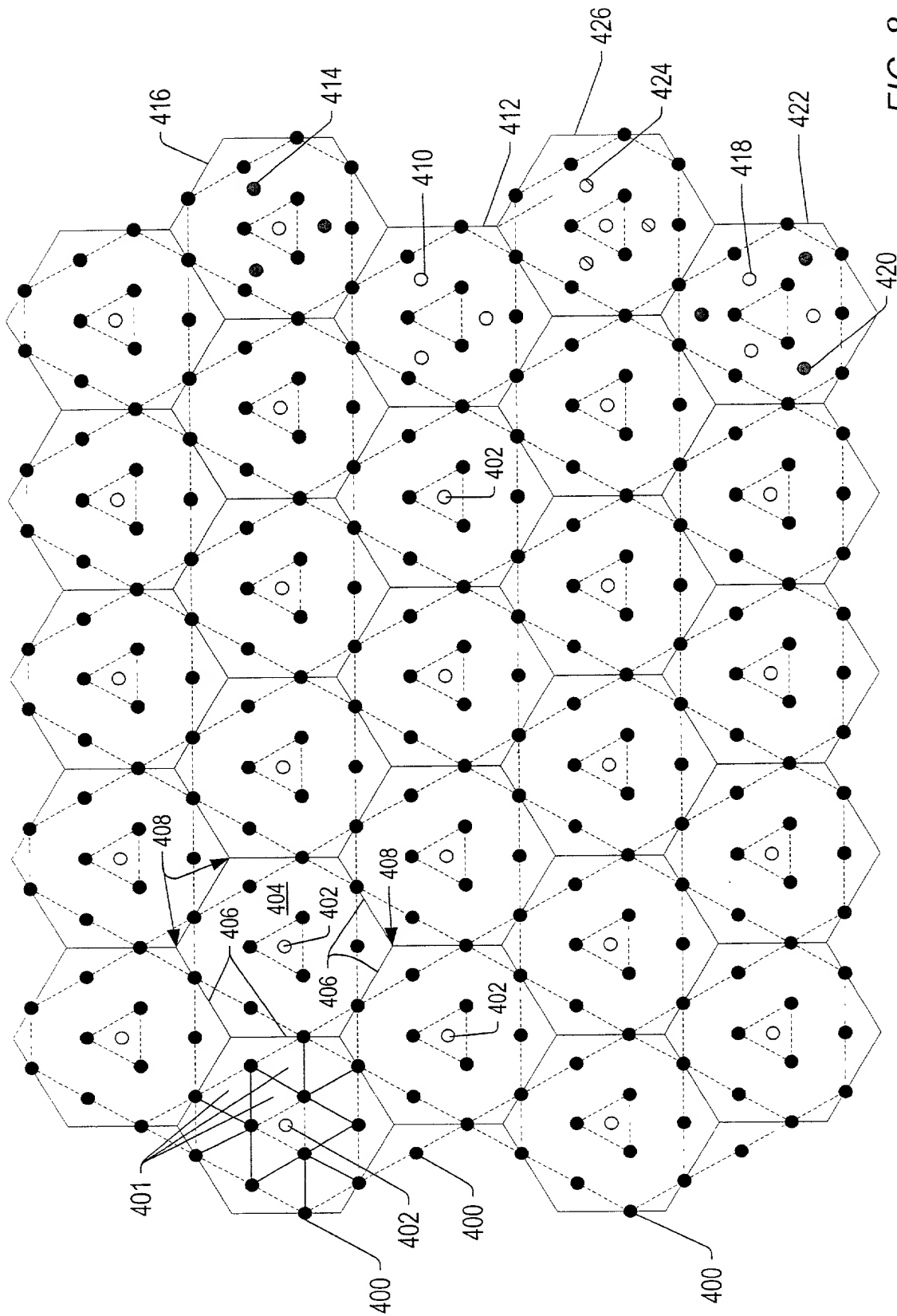


FIG. 8



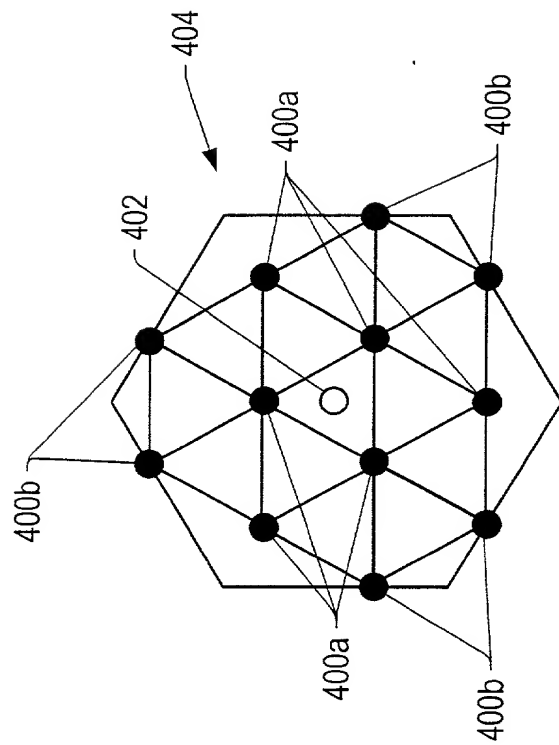


FIG. 9

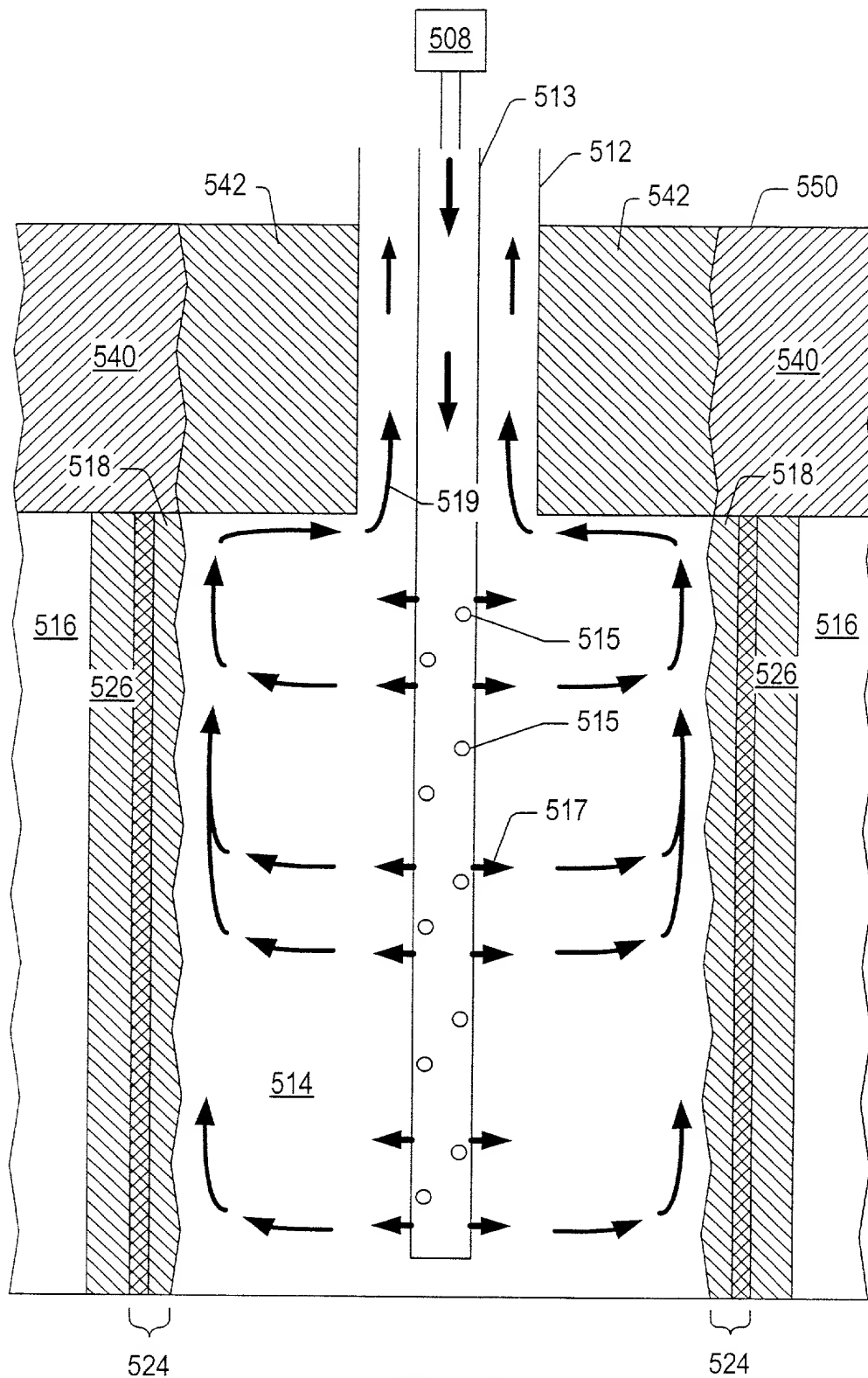


FIG. 10

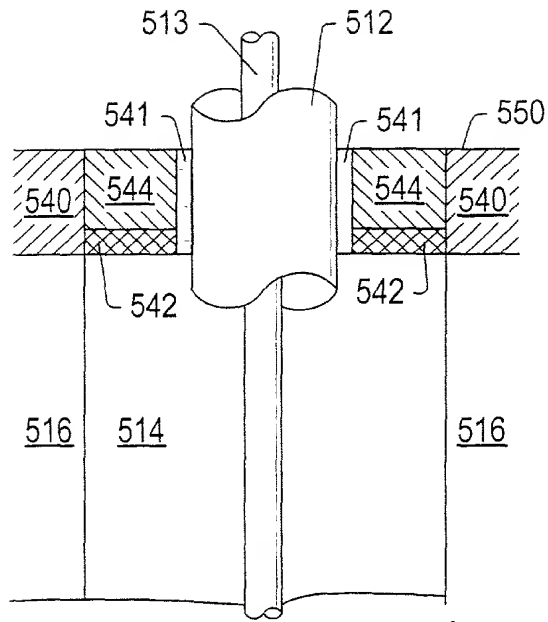


FIG. 11

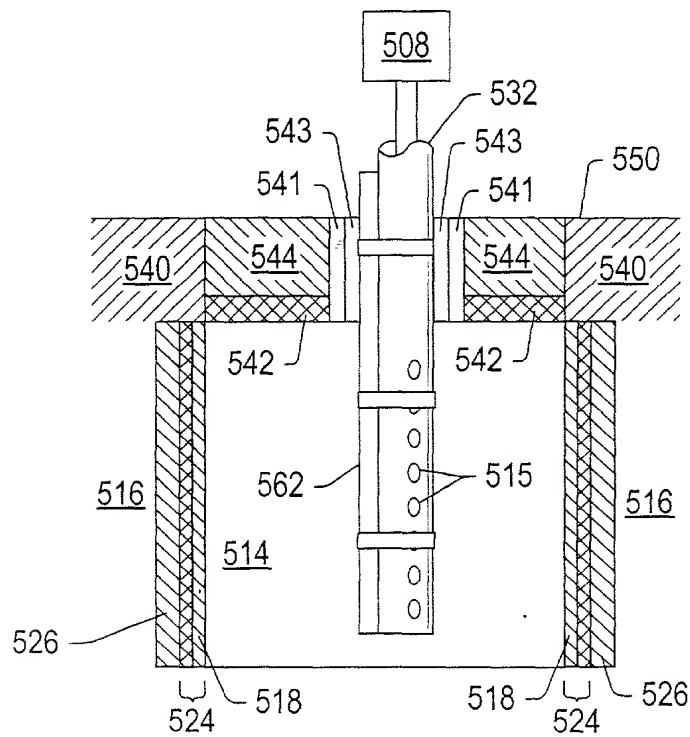


FIG. 12

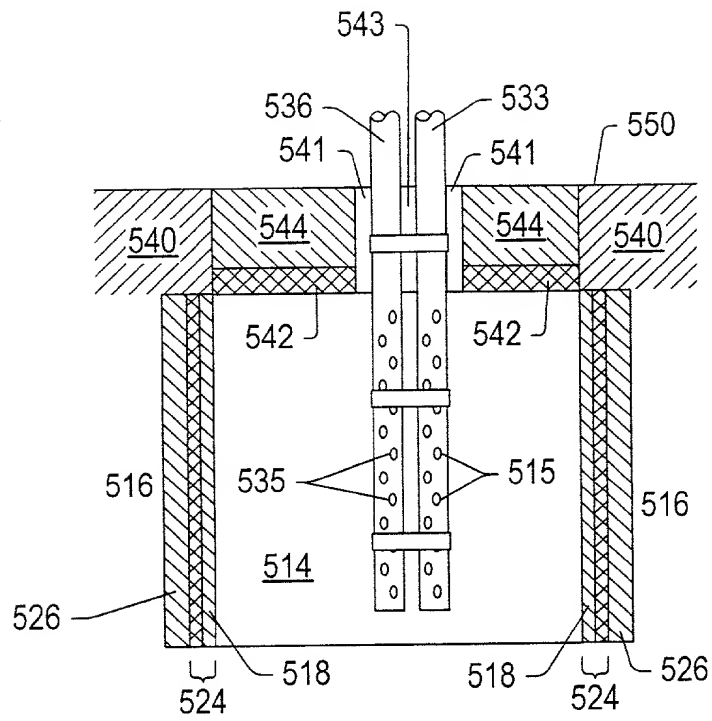


FIG. 13

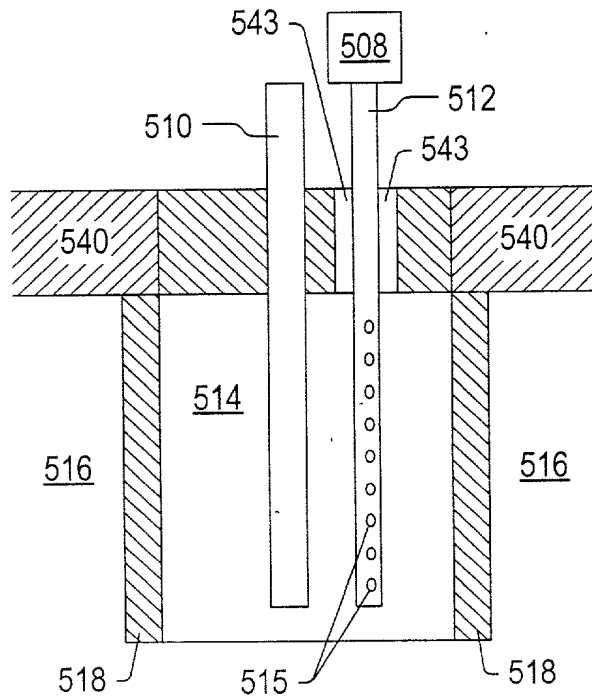


FIG. 14

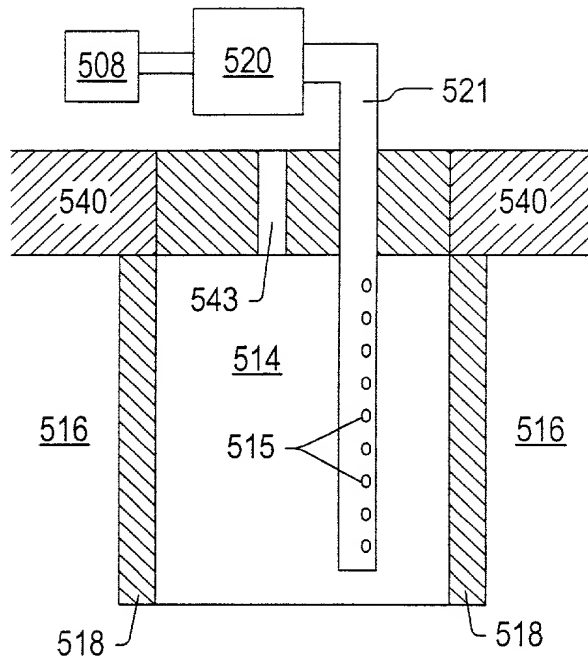


FIG. 15

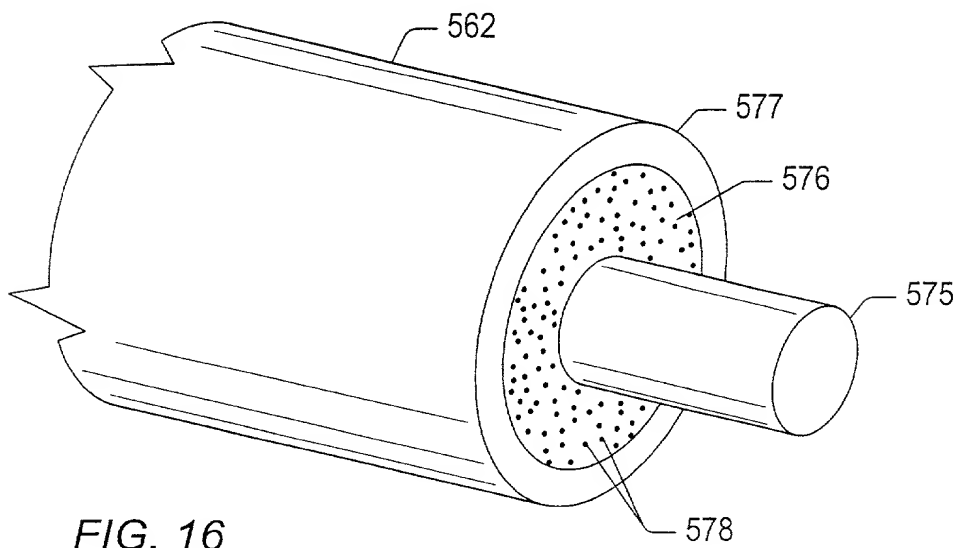


FIG. 16

Fig. 5 is a schematic diagram of a wellbore system. The diagram shows a vertical wellbore 514 passing through a formation 540 and a lower formation 516. A surface assembly 550 is at the top, including a wellhead 590 and a valve 5000. A control line 5001 is connected to a control unit 5003. A fluid line 5002 is also shown. The wellbore 514 contains a series of components: a packer 542, a valve 5004, a filter 544, and a series of valves 562, 564, 566, and 568. A fluid line 570 is at the bottom of the wellbore.

Diagram of a cable-stayed bridge structure. The main vertical support is labeled 562. A horizontal beam is labeled 567. A cross-hatched rectangular section is labeled 568. A cable or stay is labeled 571. A cross-hatched rectangular section is labeled 573. A cable or stay is labeled 569. A rectangular section at the top is labeled 572.

FIG. 17A

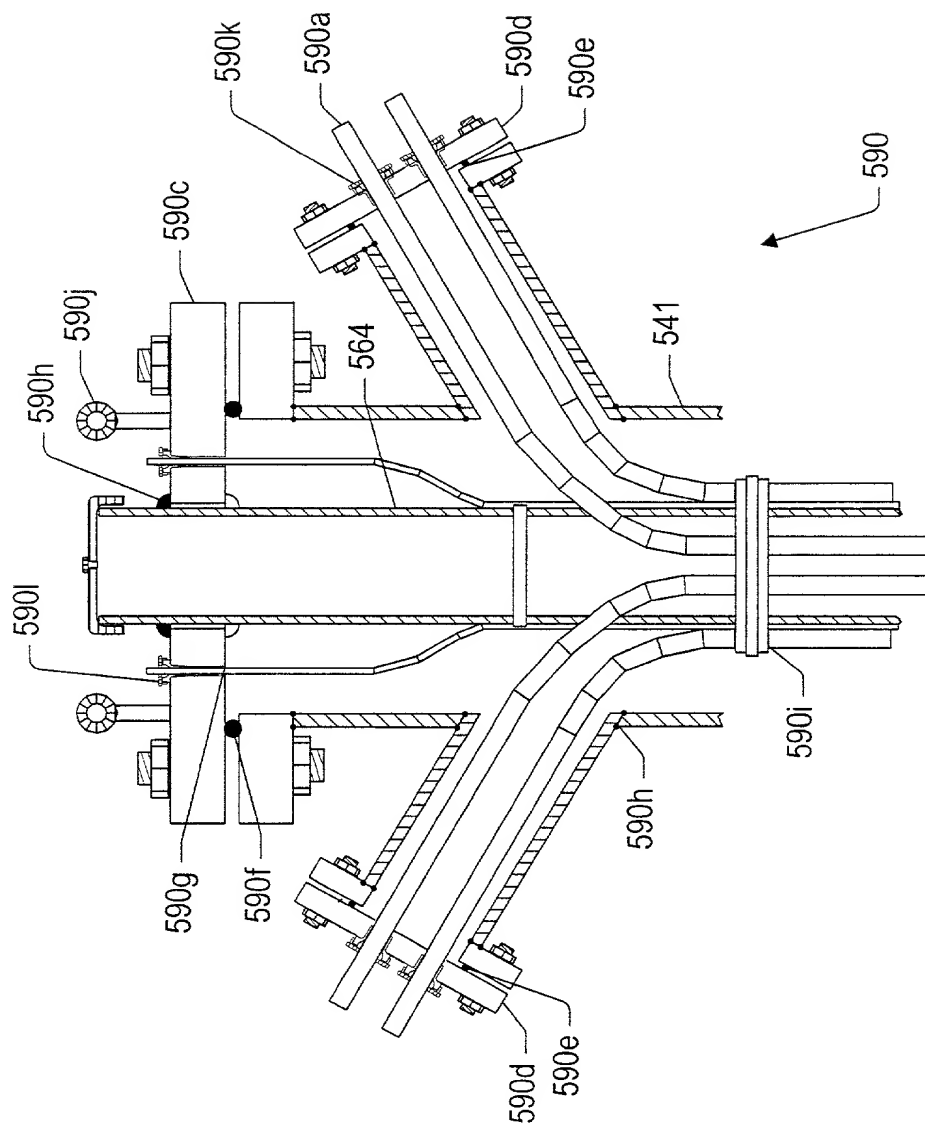


FIG. 18

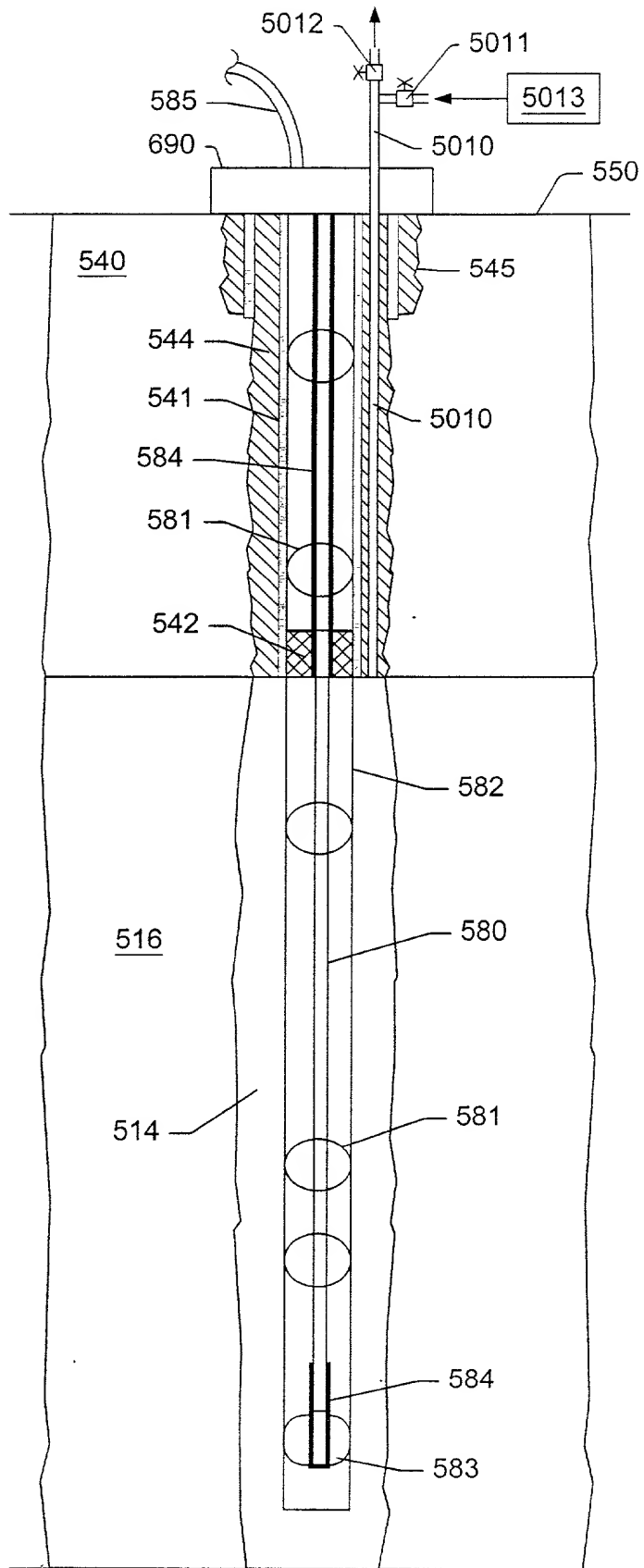


FIG. 19



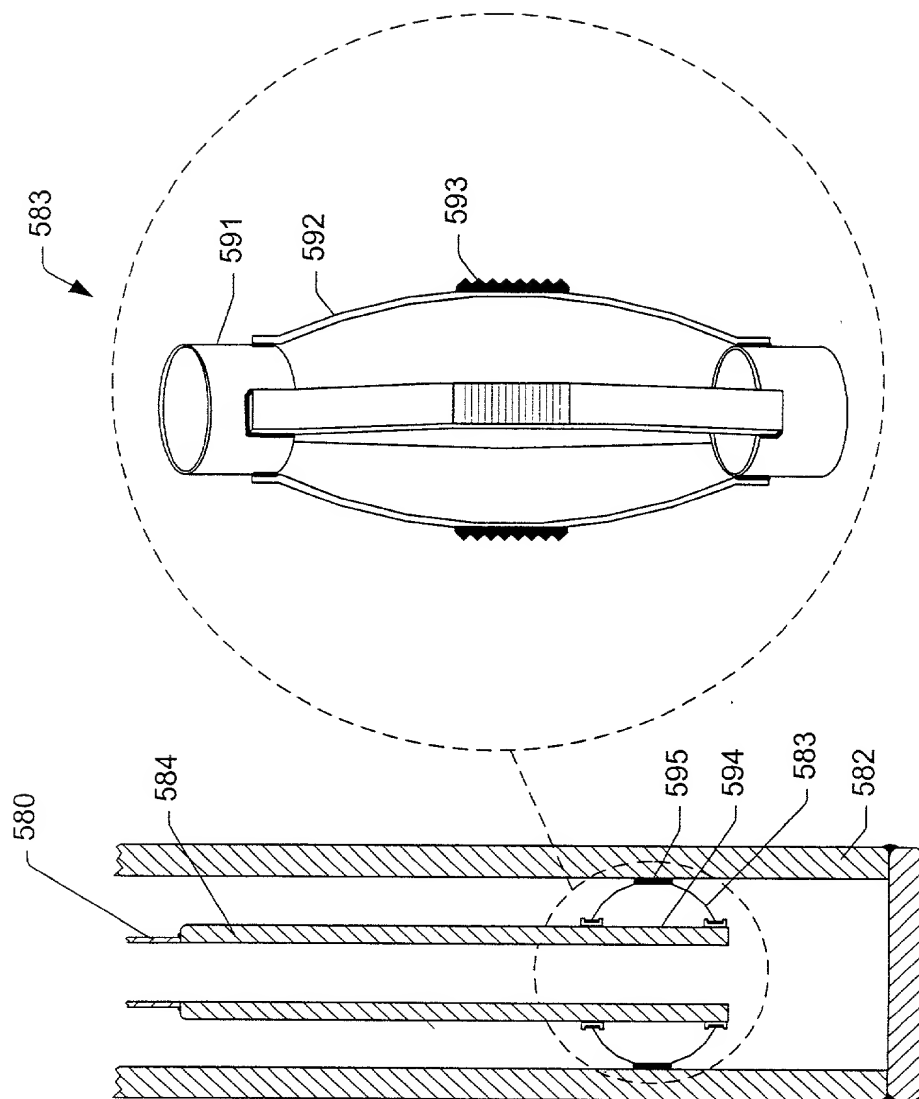


FIG. 20

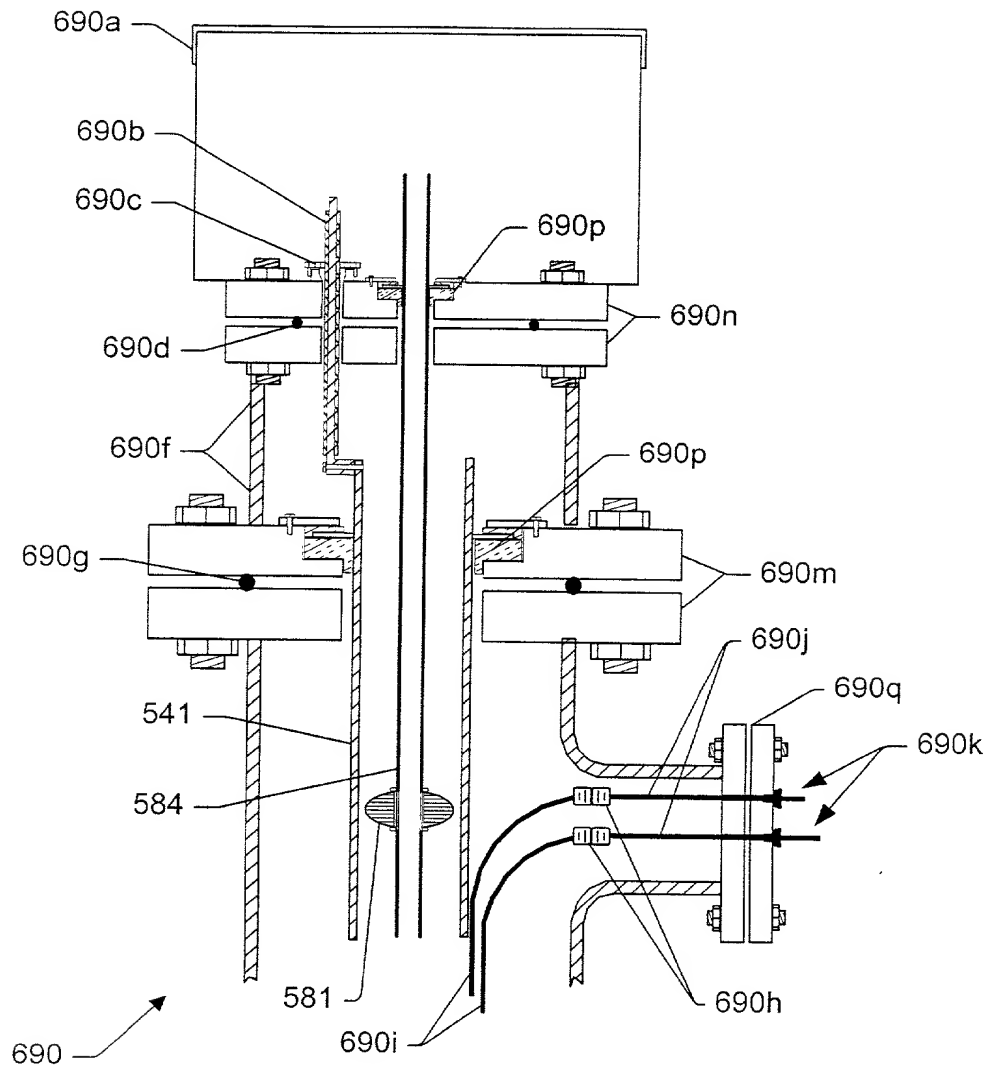


FIG. 21

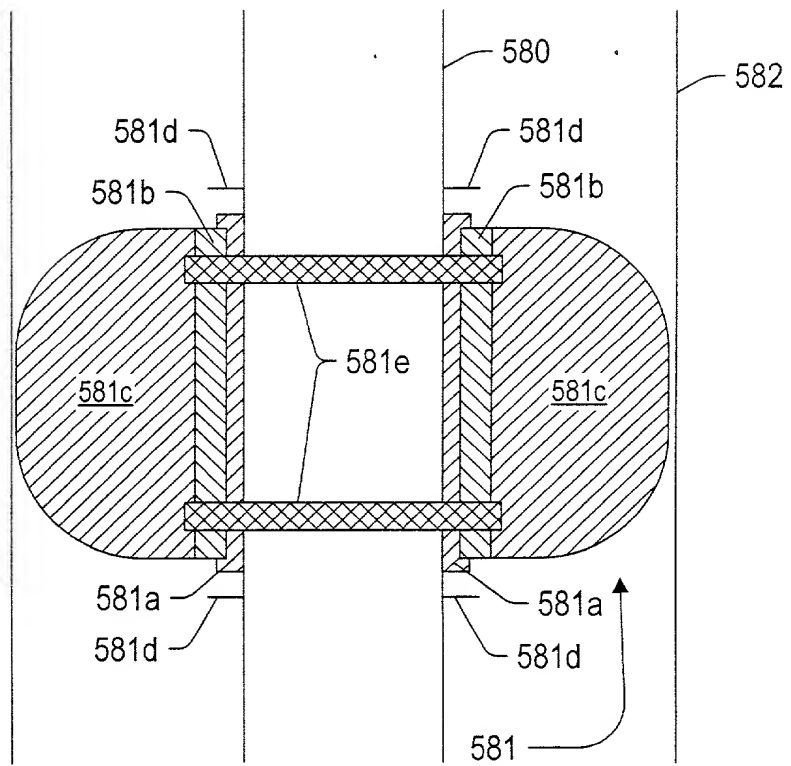
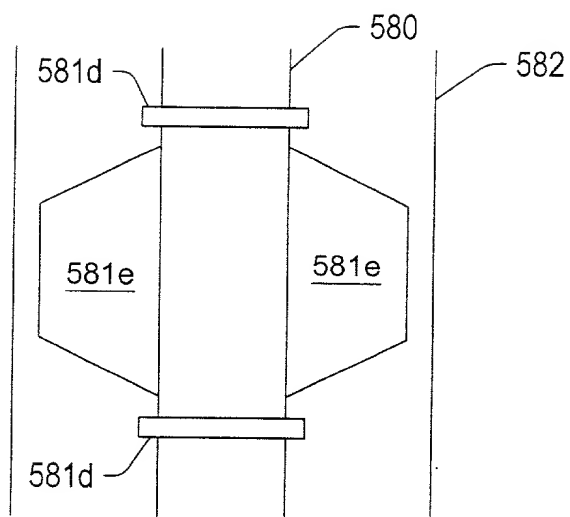
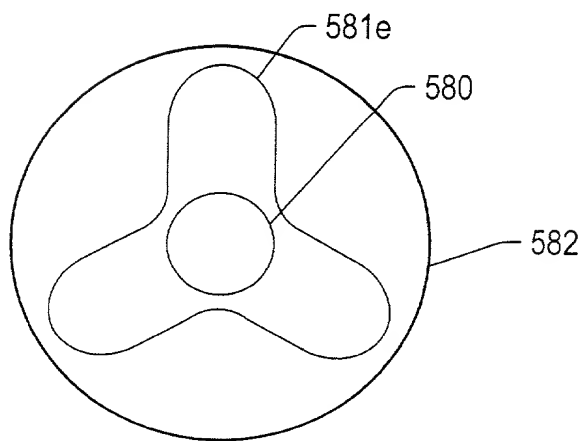


FIG. 22



*FIG. 23a*



*FIG. 23b*

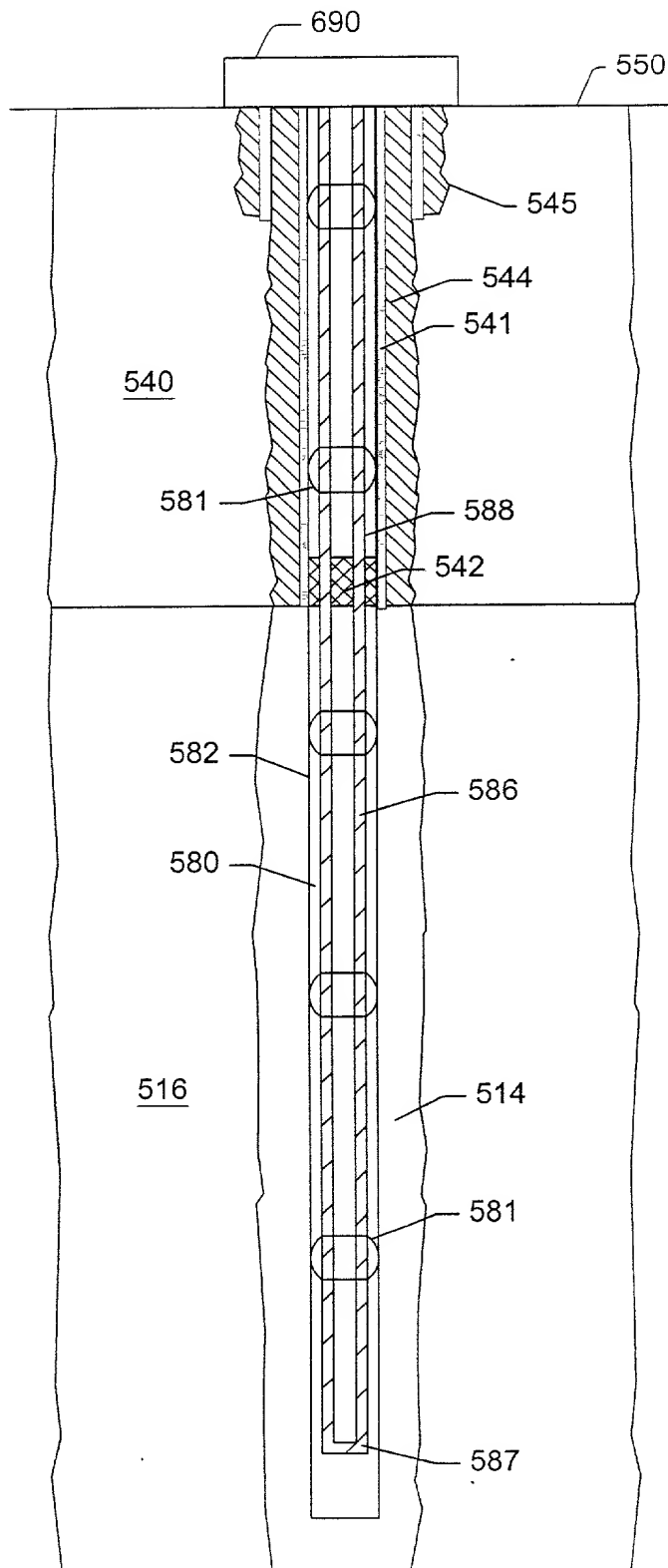


Fig. 24

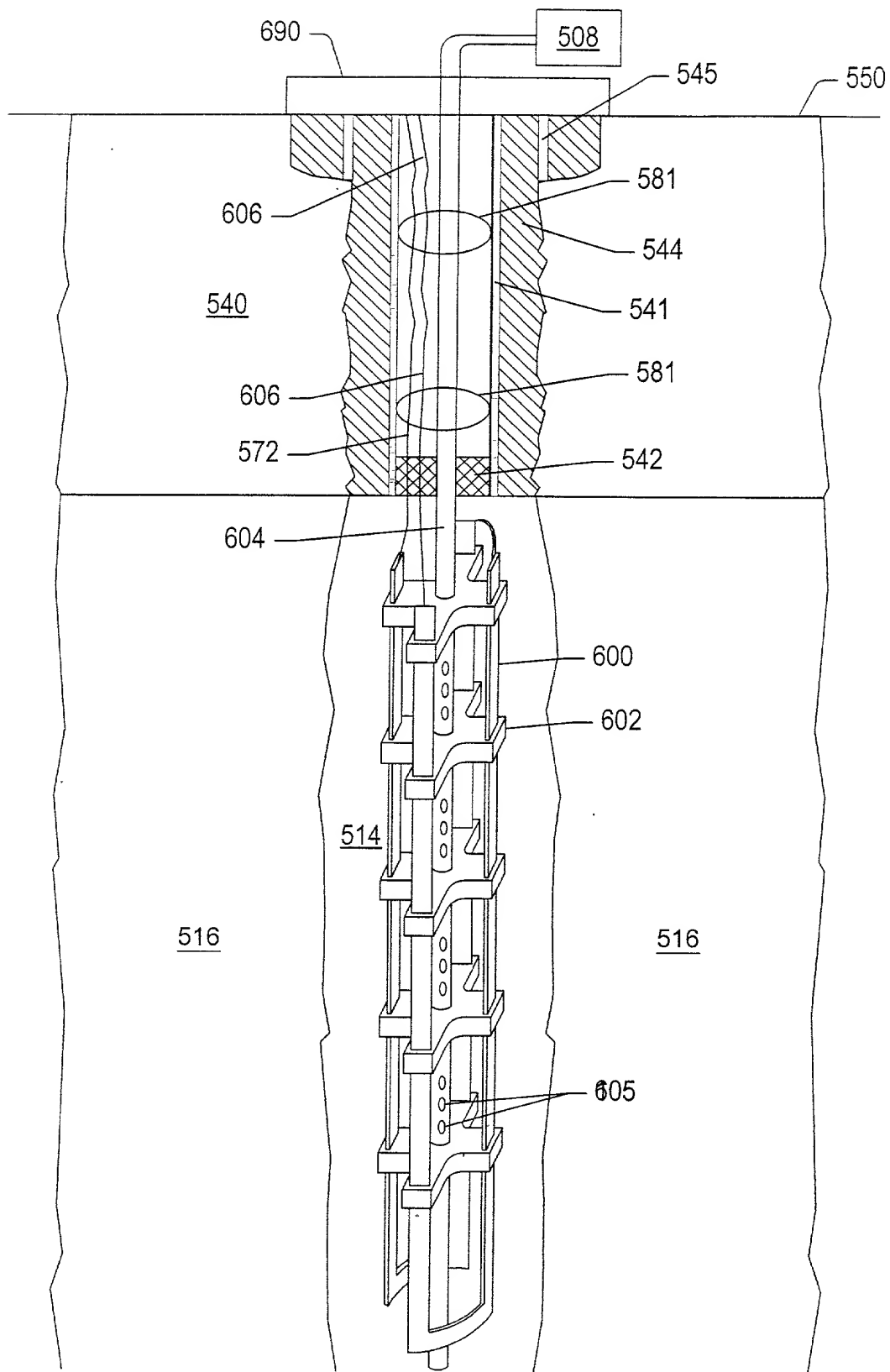


FIG. 25



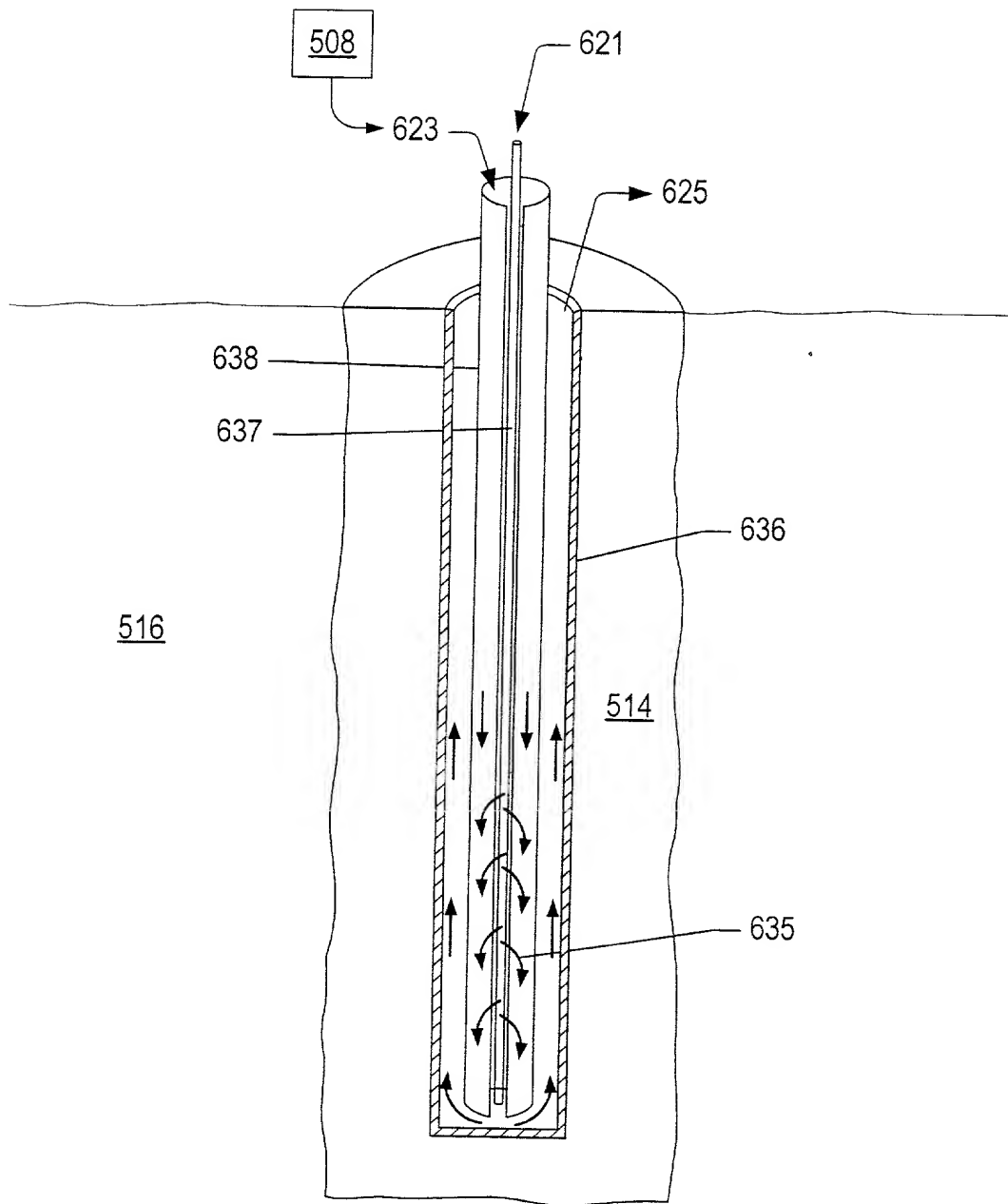


FIG. 28



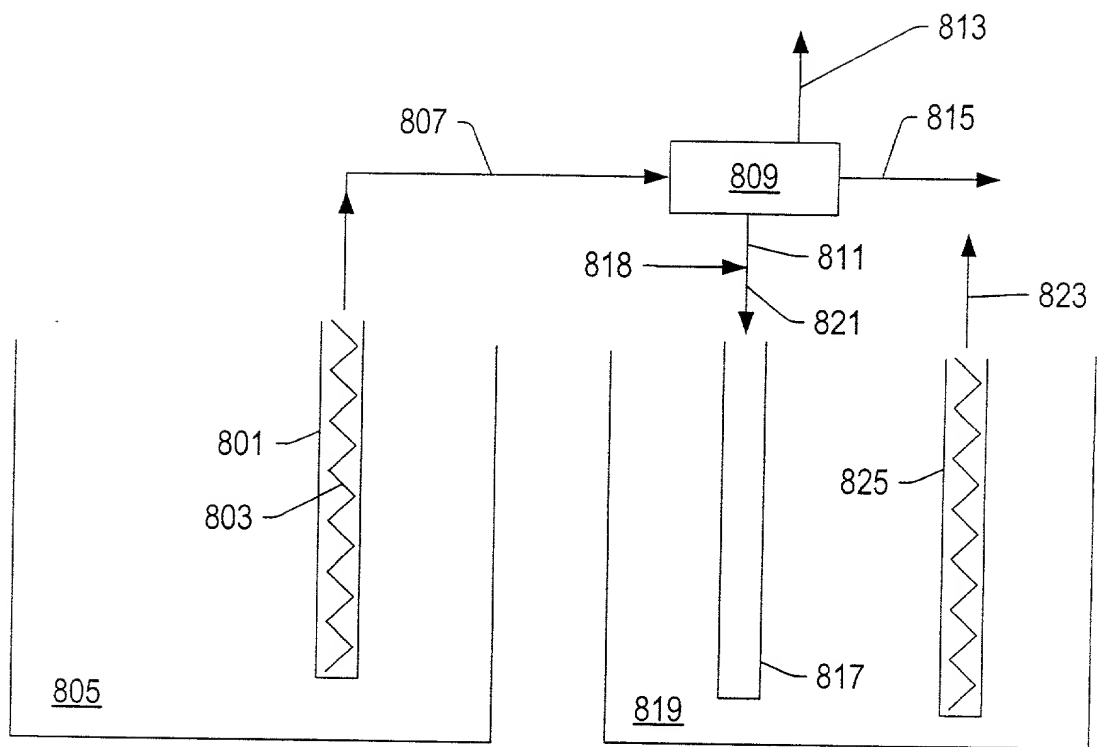


FIG. 29

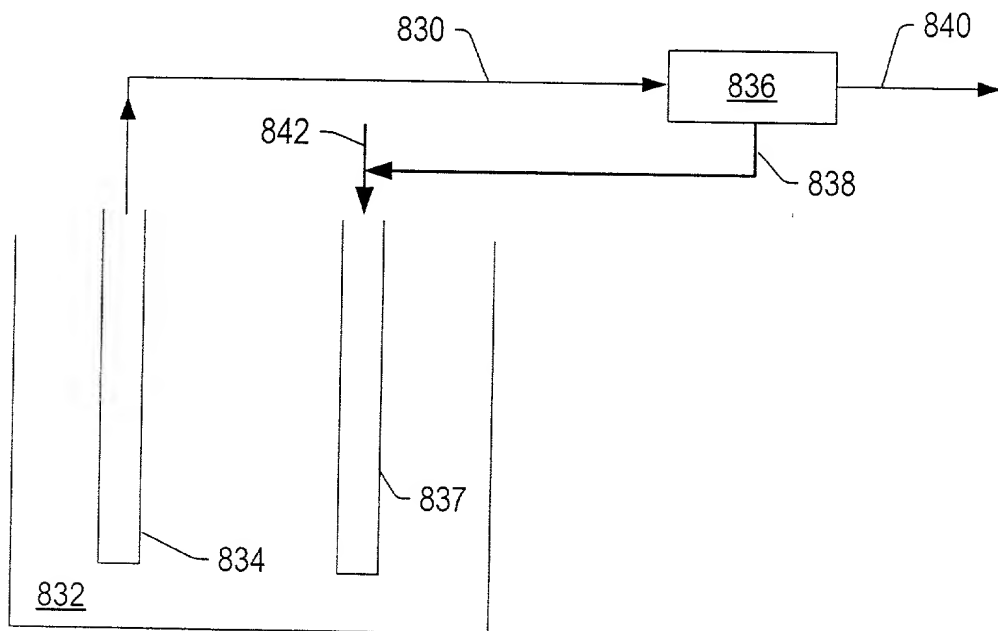


FIG. 30

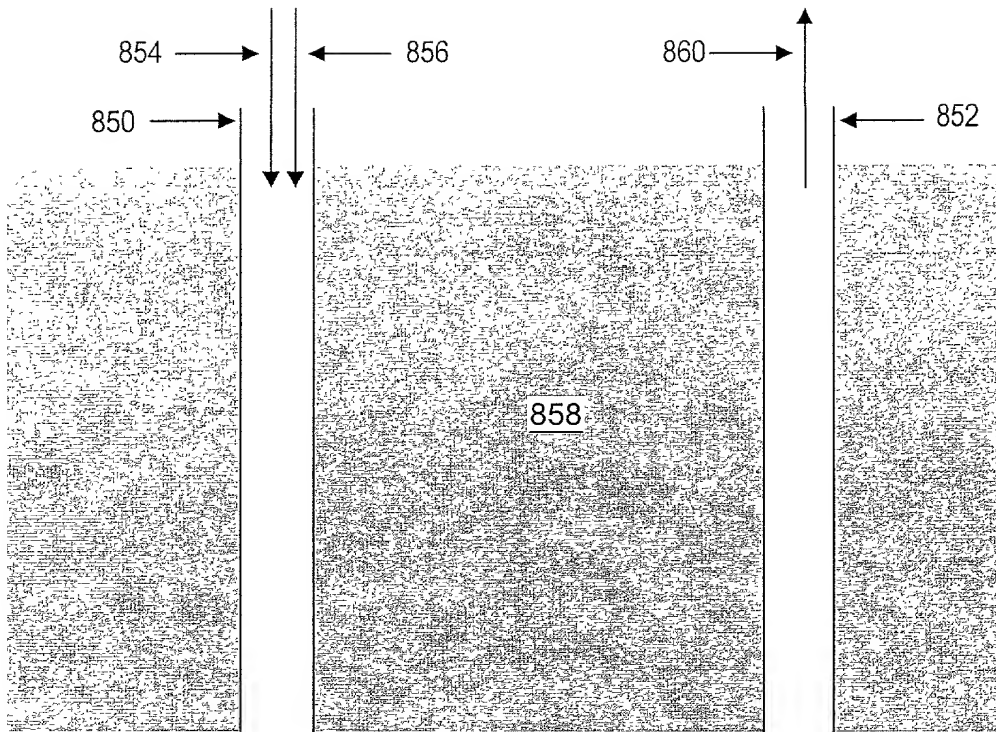


FIG. 31

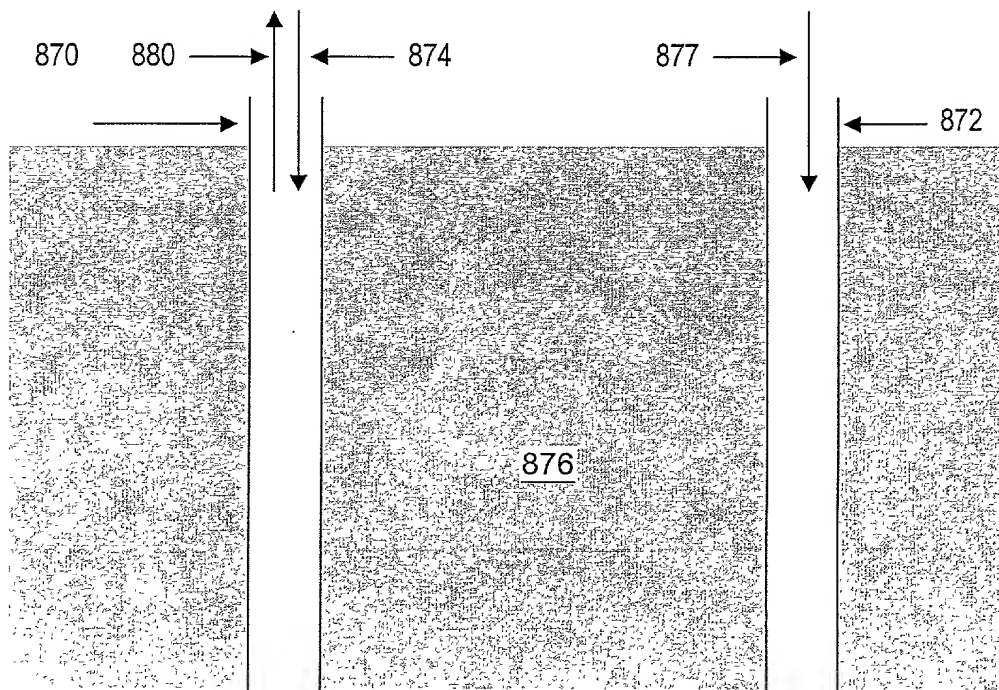
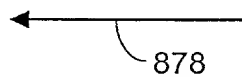


FIG. 32



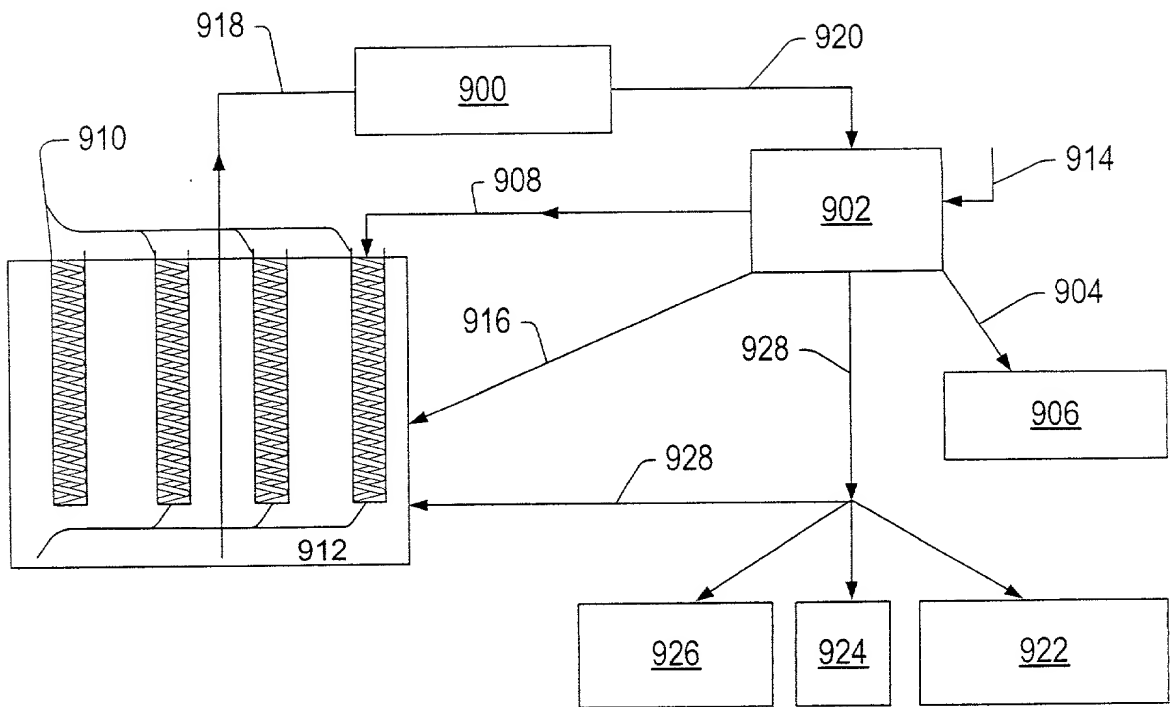


FIG. 33

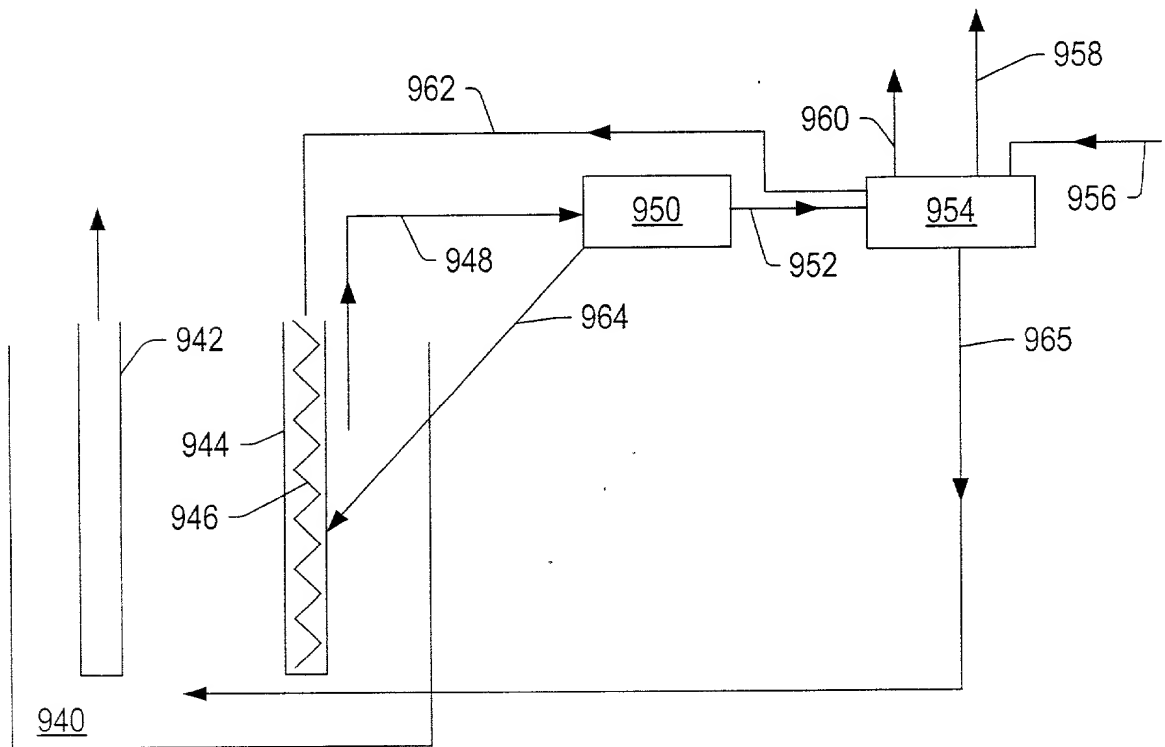


FIG. 34

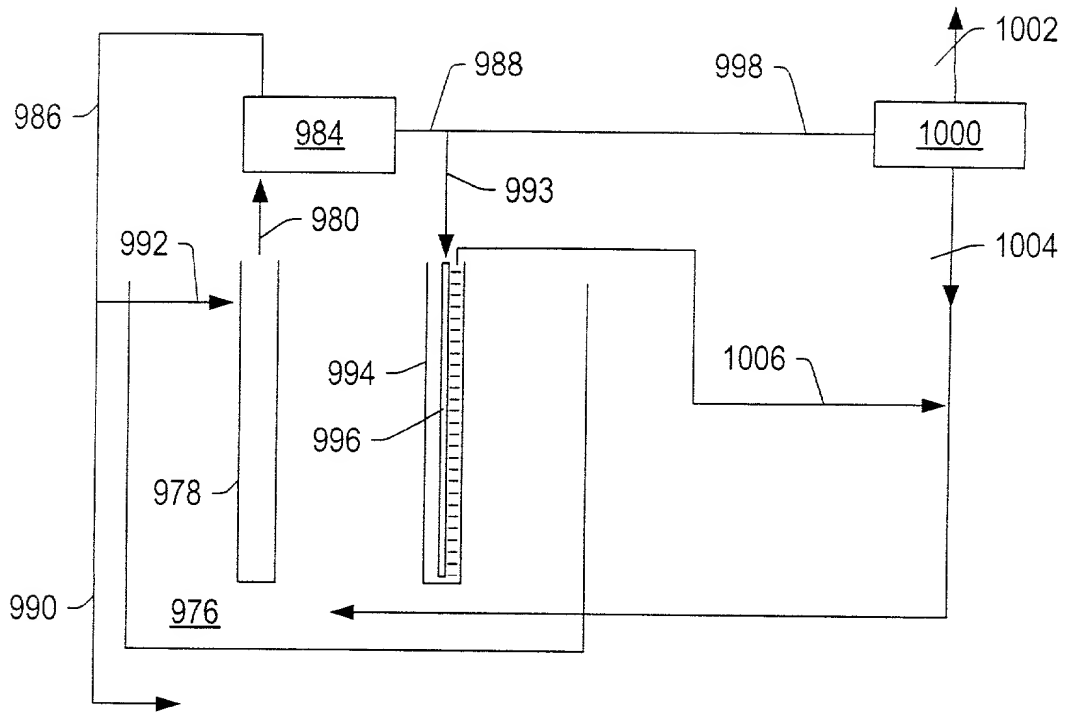


FIG. 35

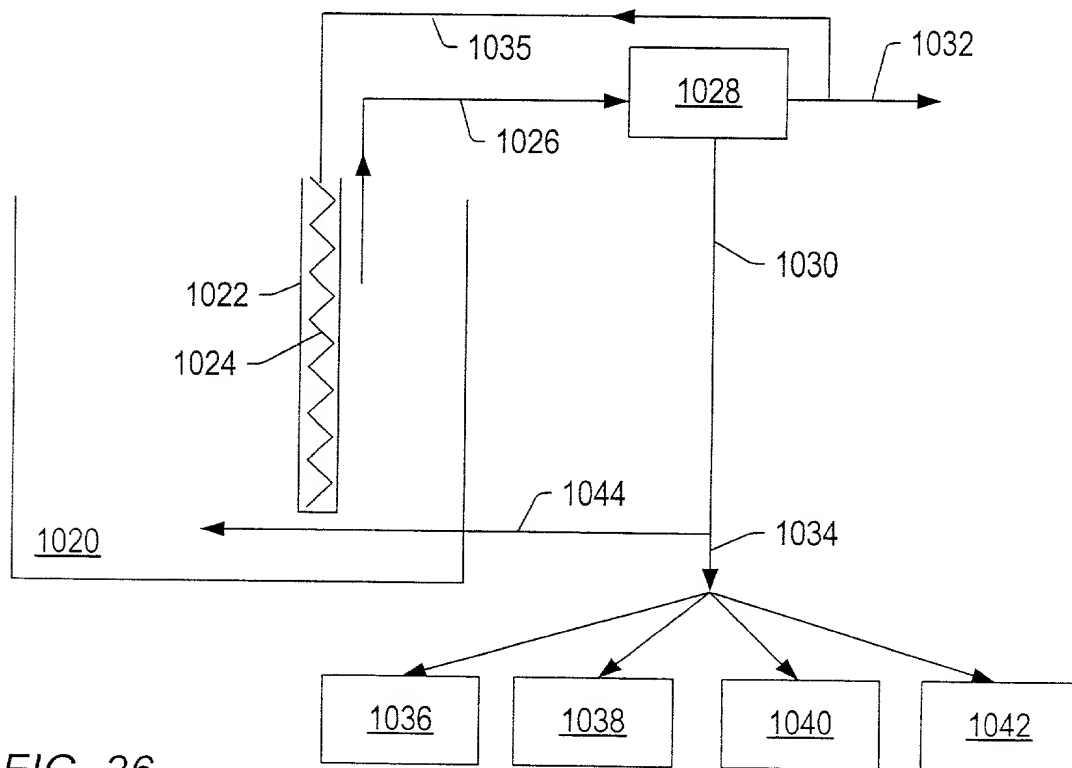


FIG. 36

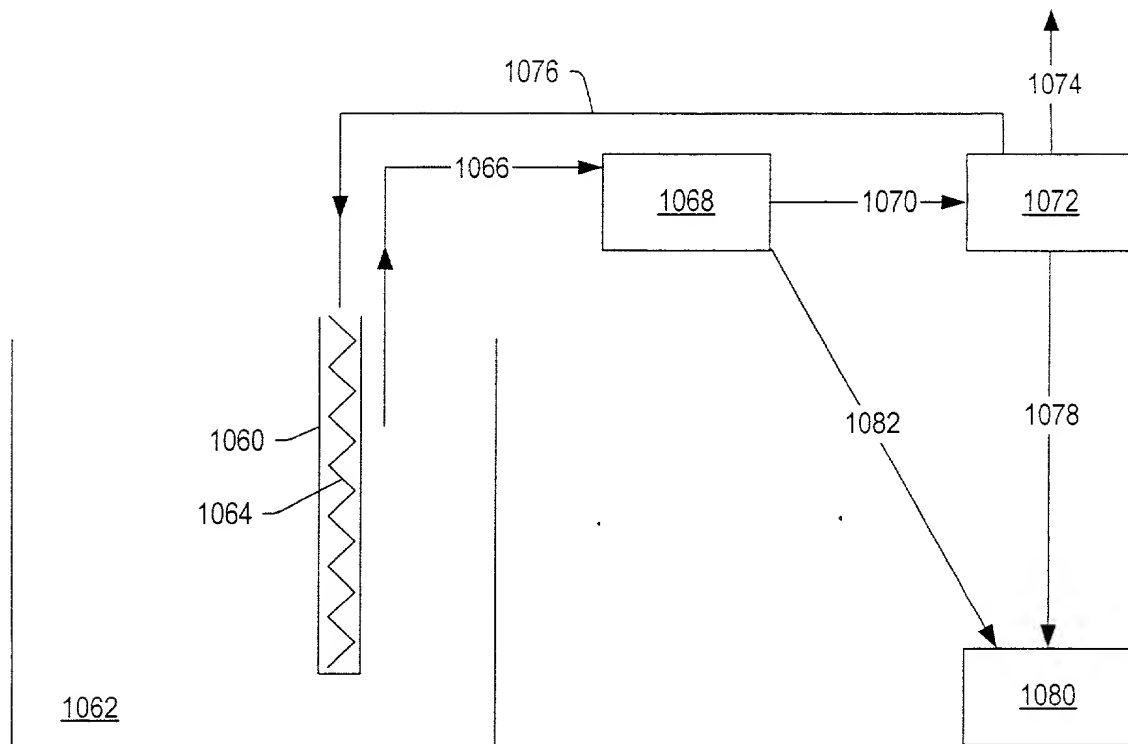


FIG. 37

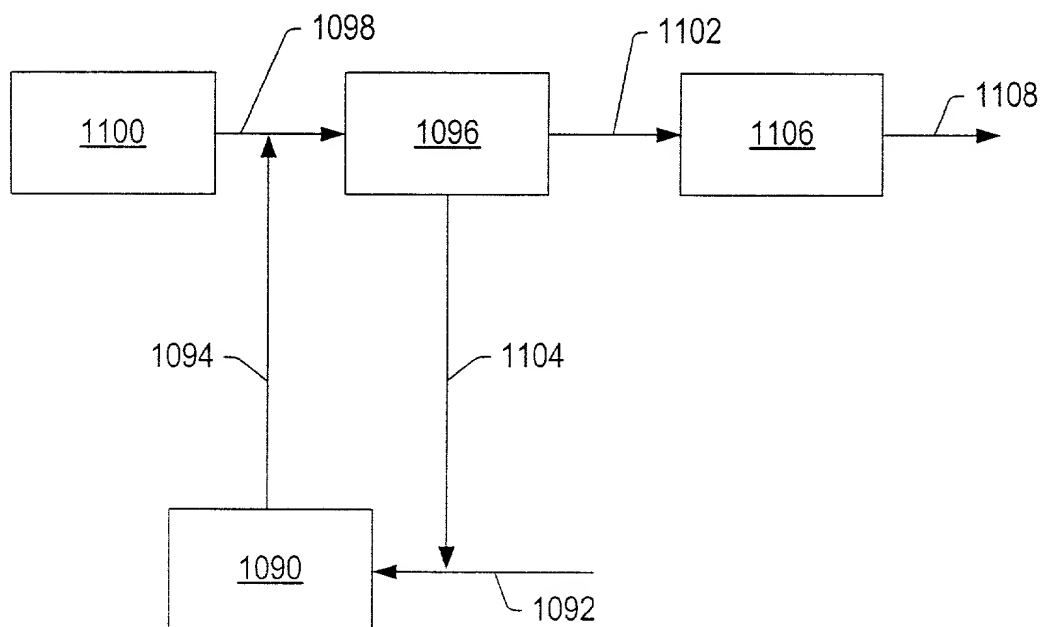


FIG. 38

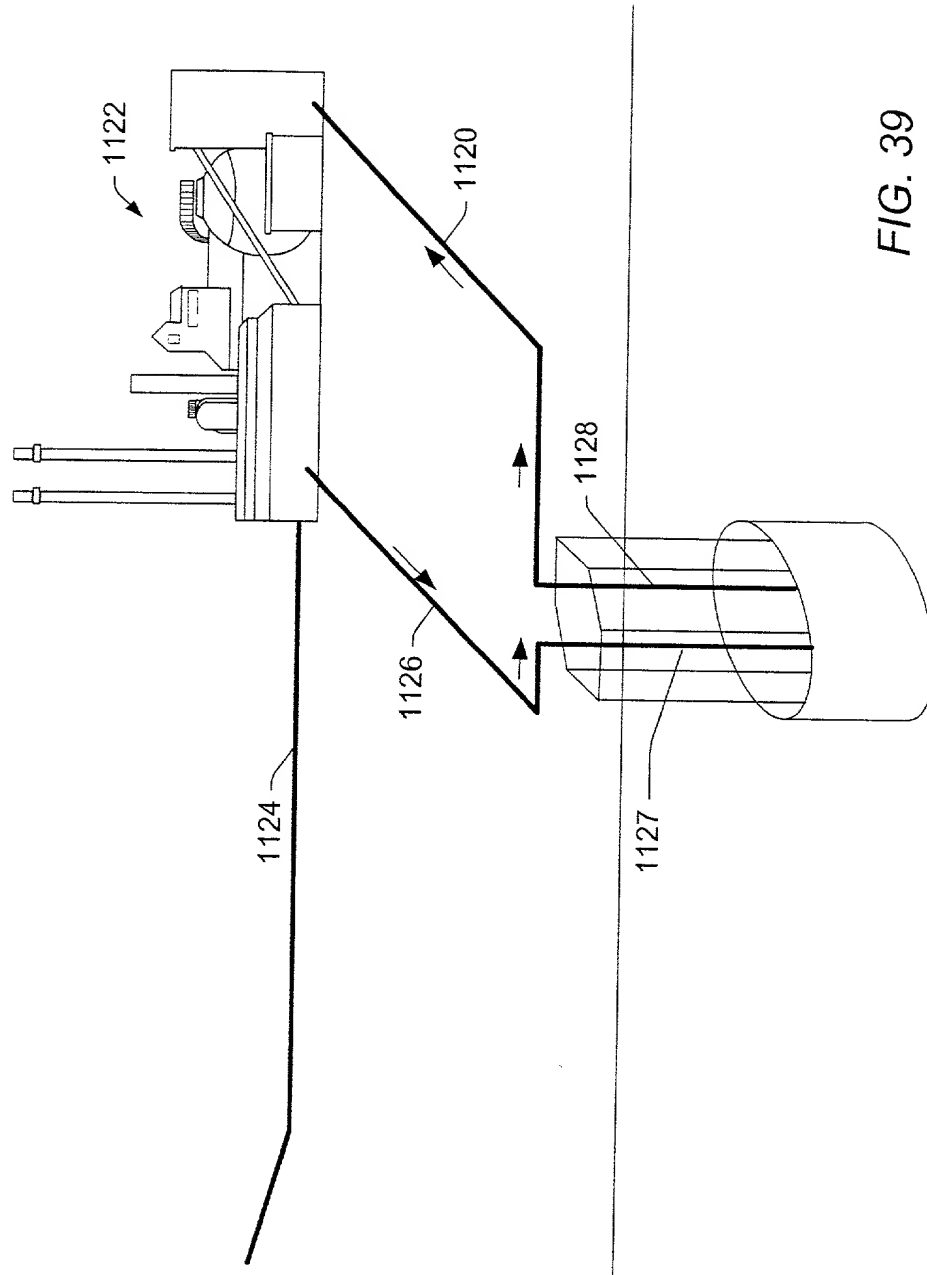
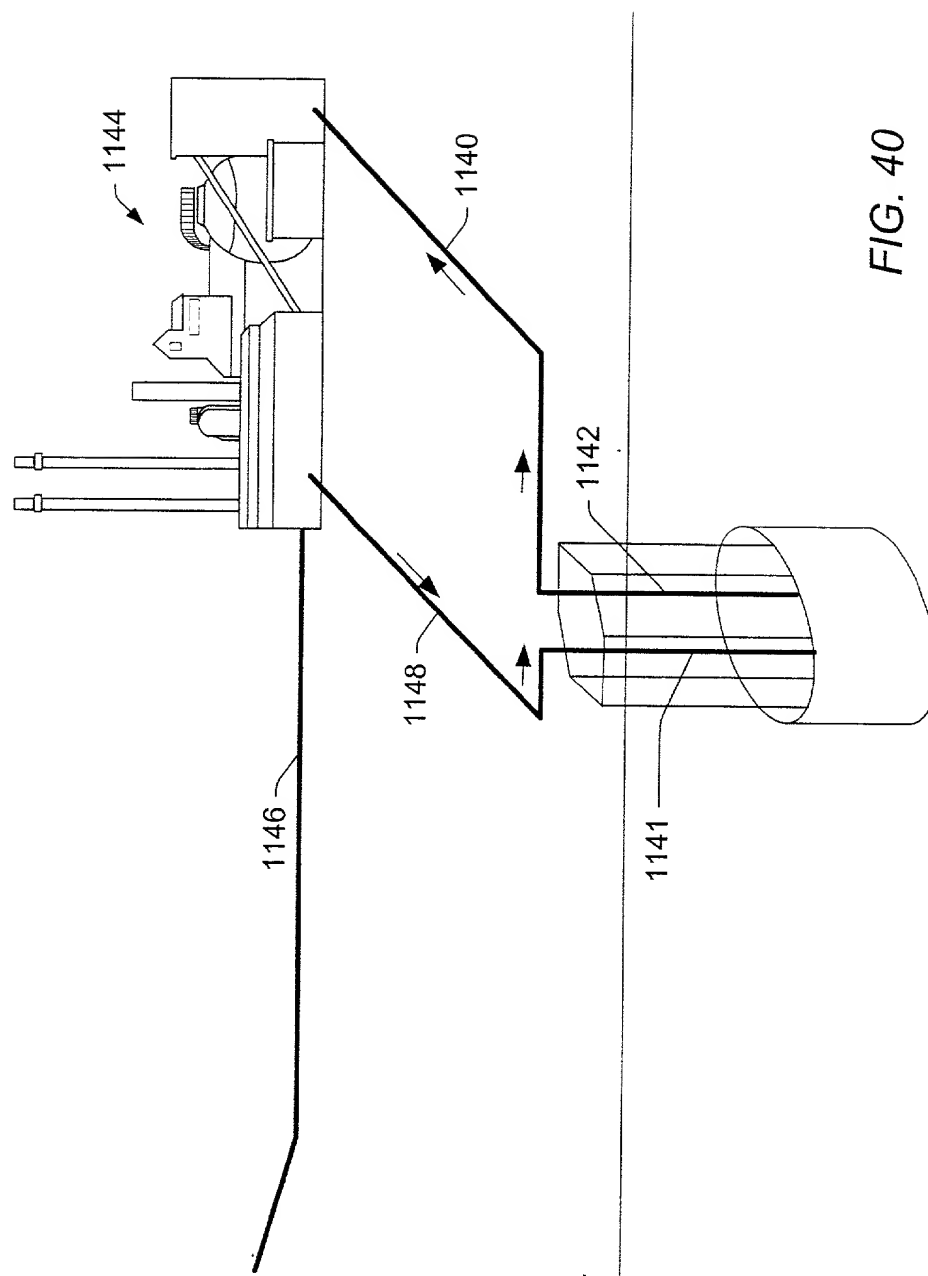


FIG. 39



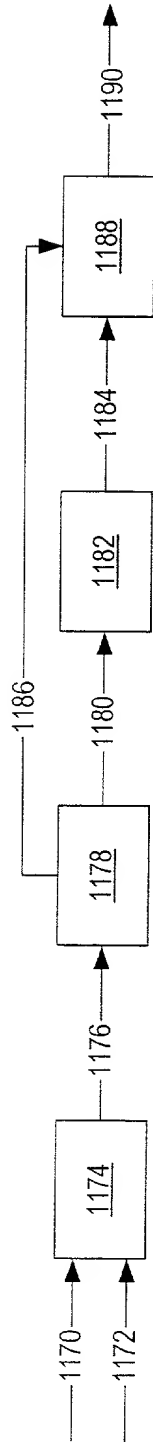


FIG. 41

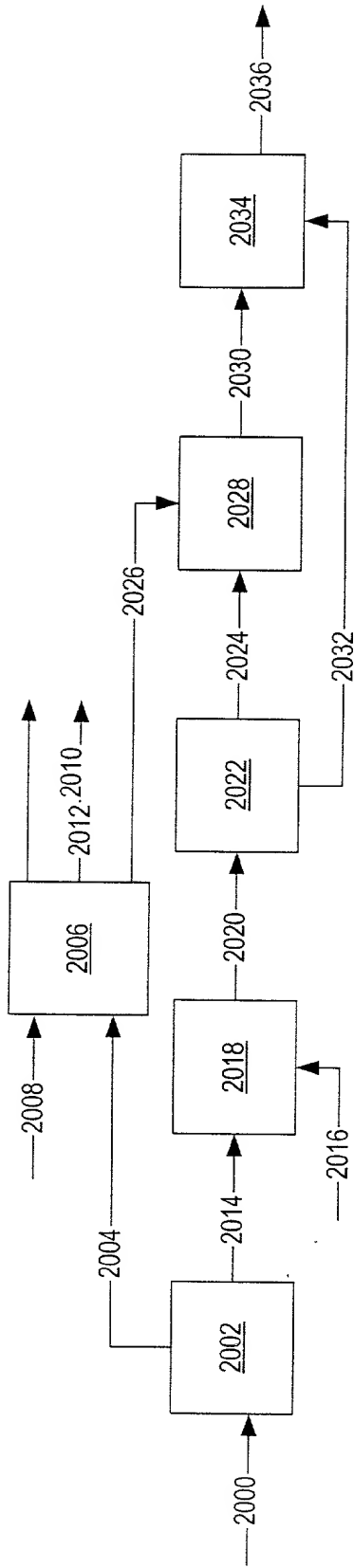


FIG. 42

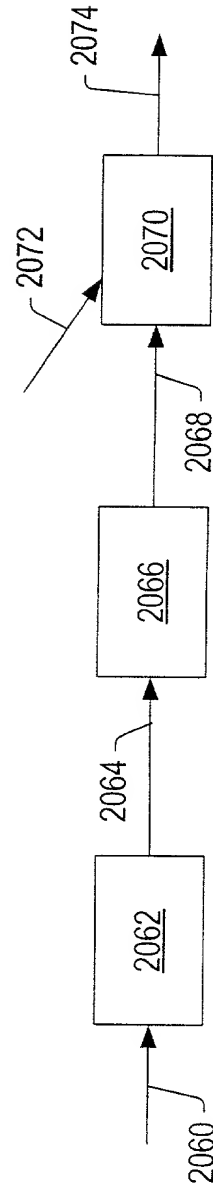


FIG. 43



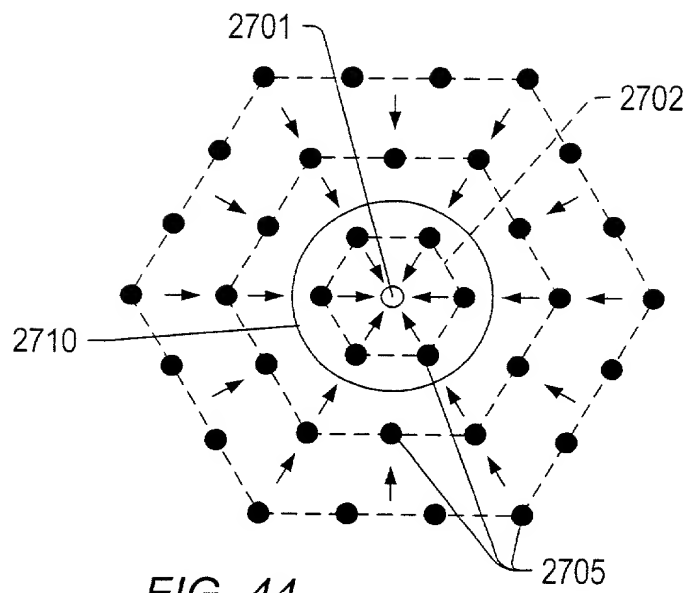


FIG. 44

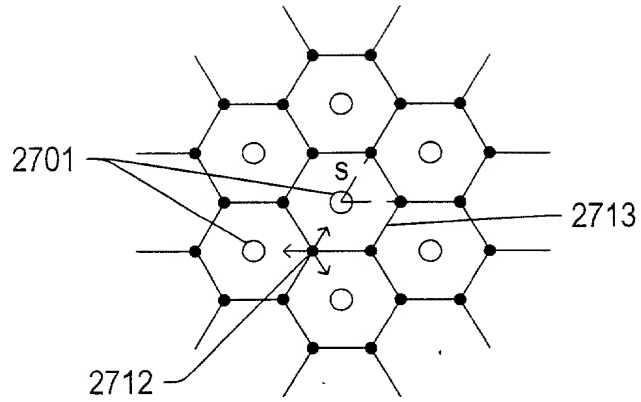


FIG. 45

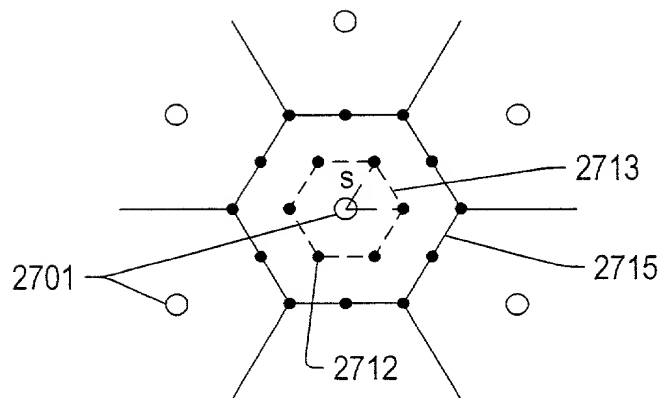


FIG. 46

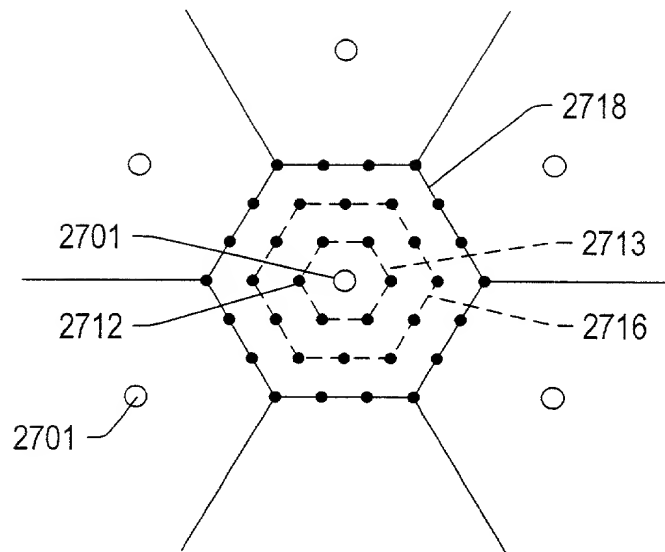


FIG. 47

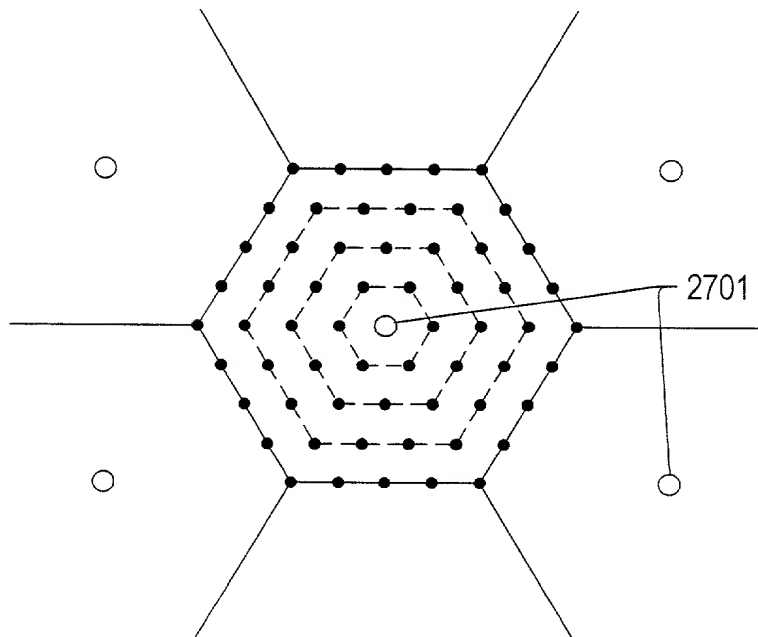


FIG. 48

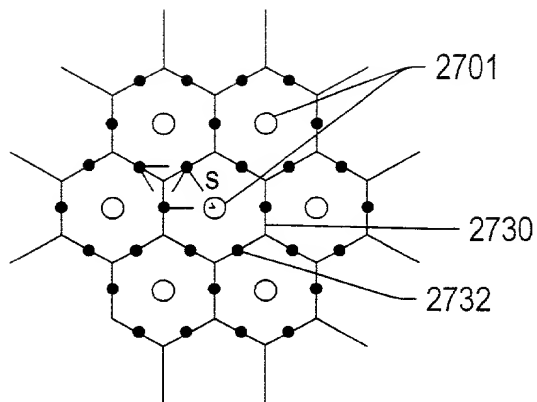


FIG. 49

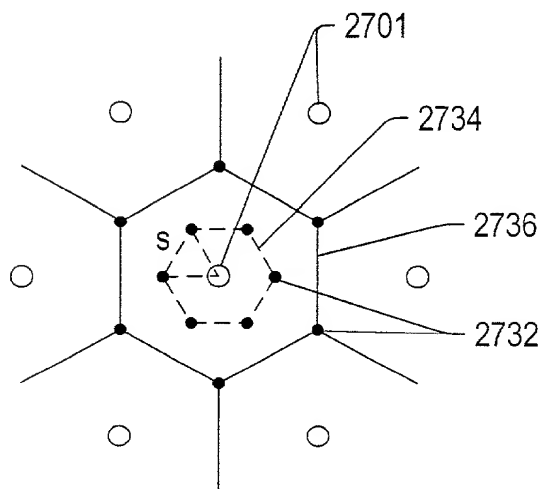


FIG. 50

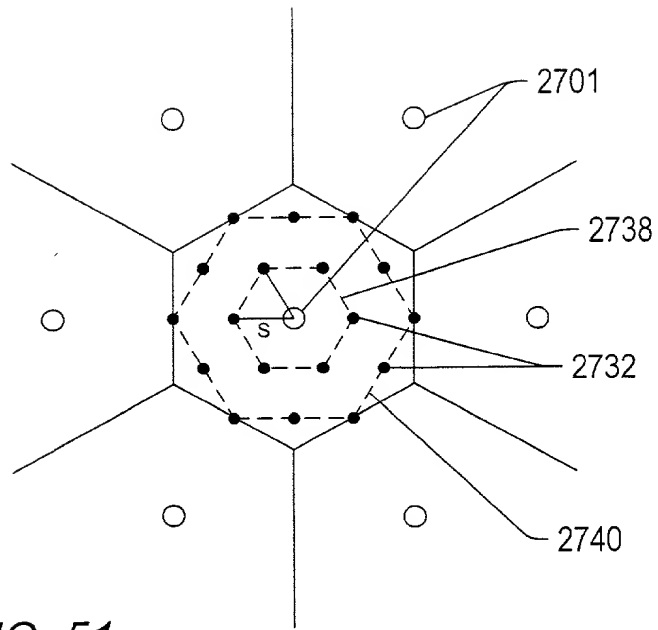


FIG. 51

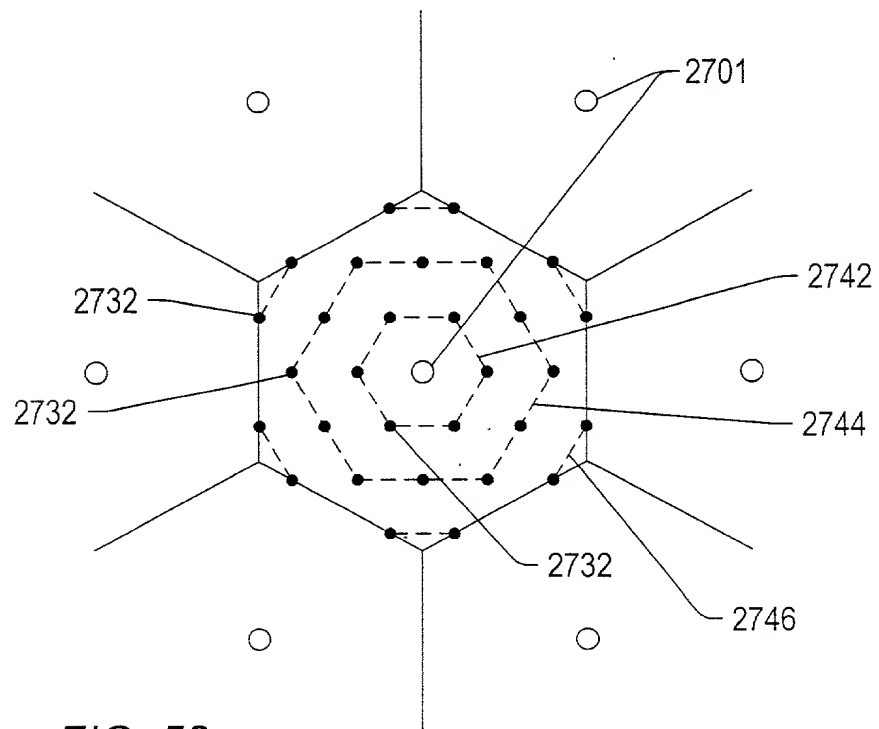


FIG. 52

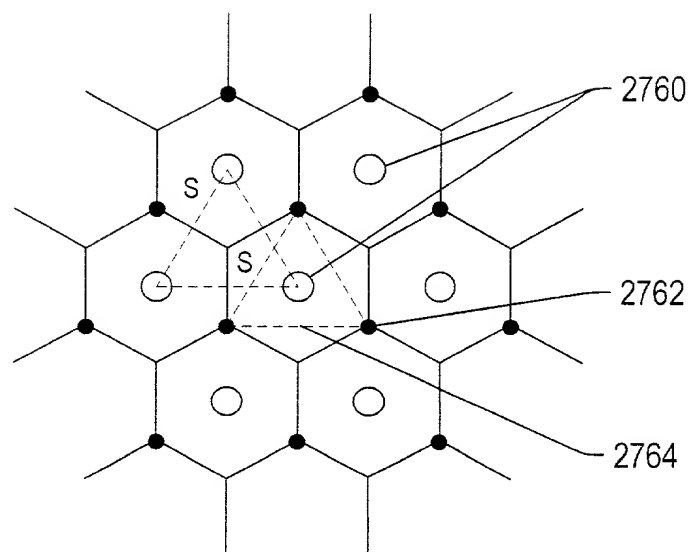


FIG. 53

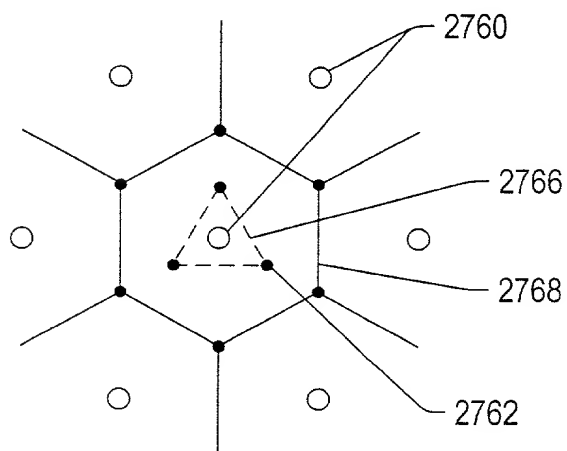


FIG. 54

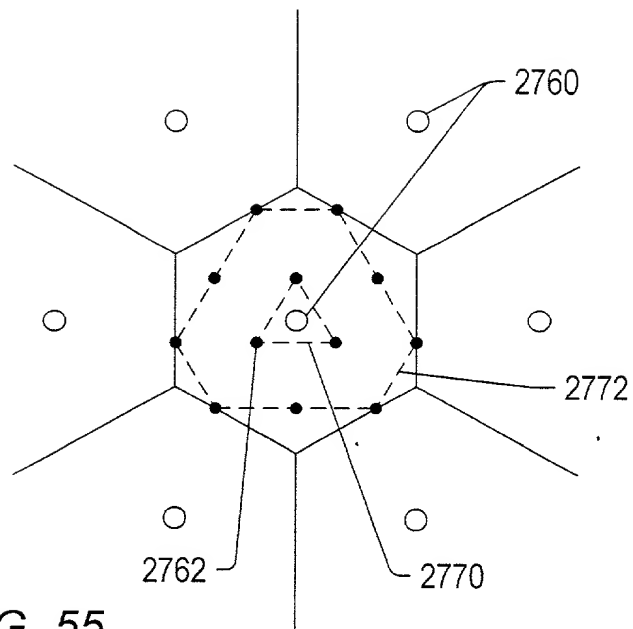


FIG. 55

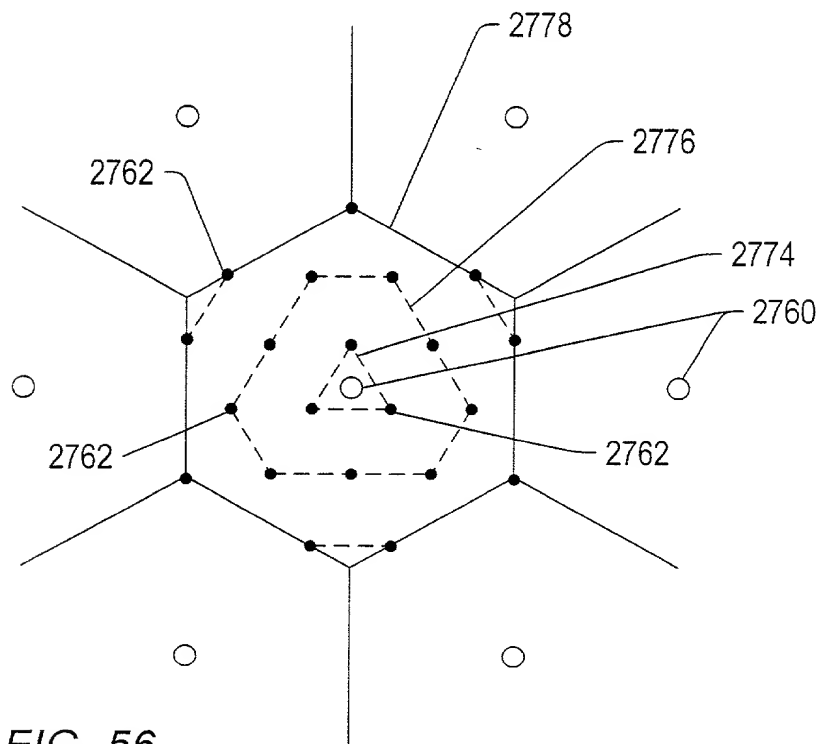


FIG. 56

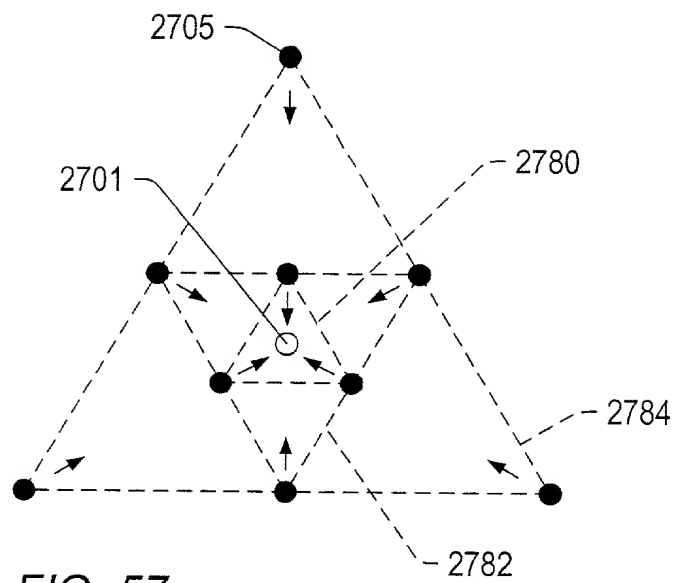


FIG. 57



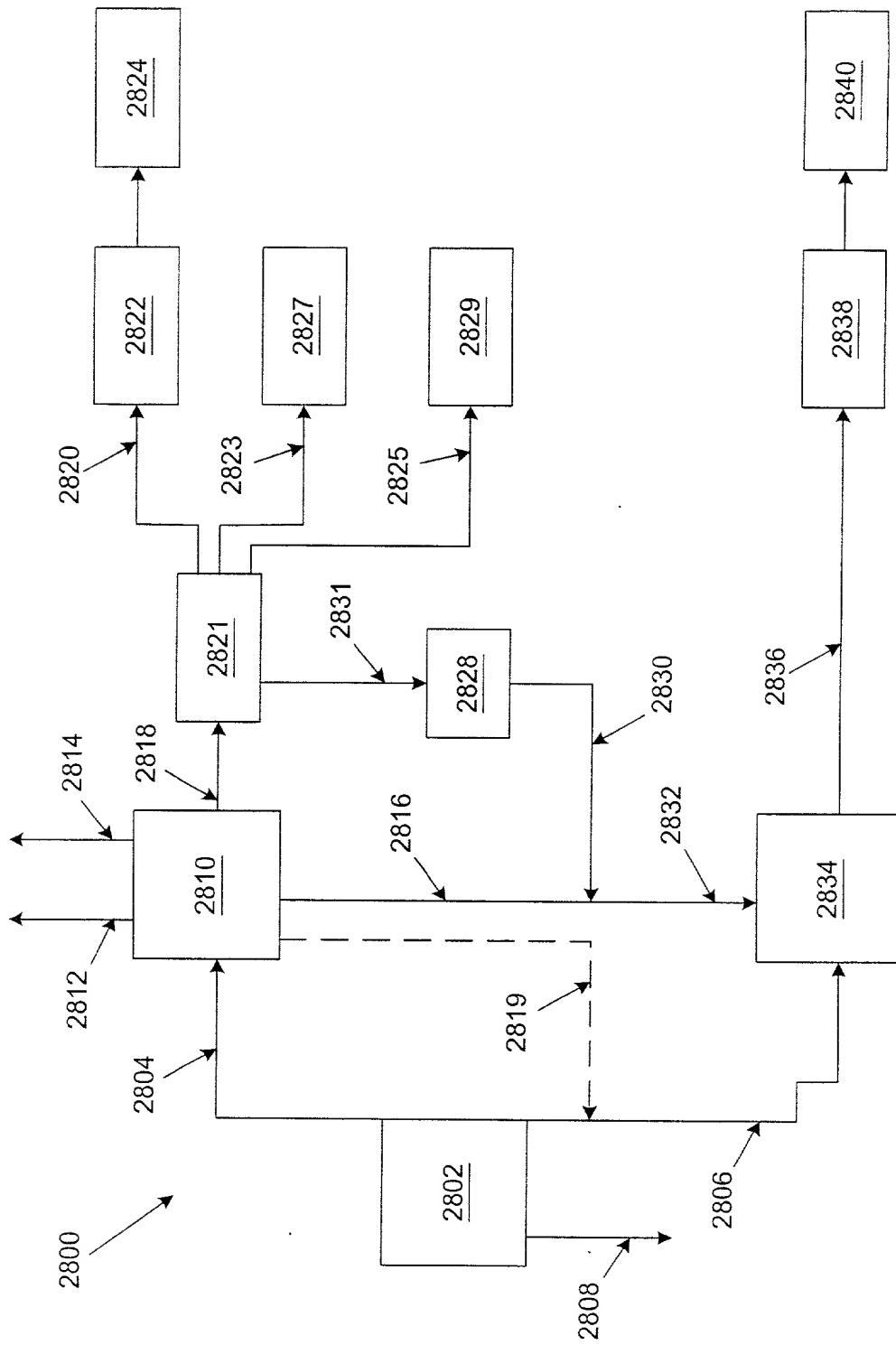
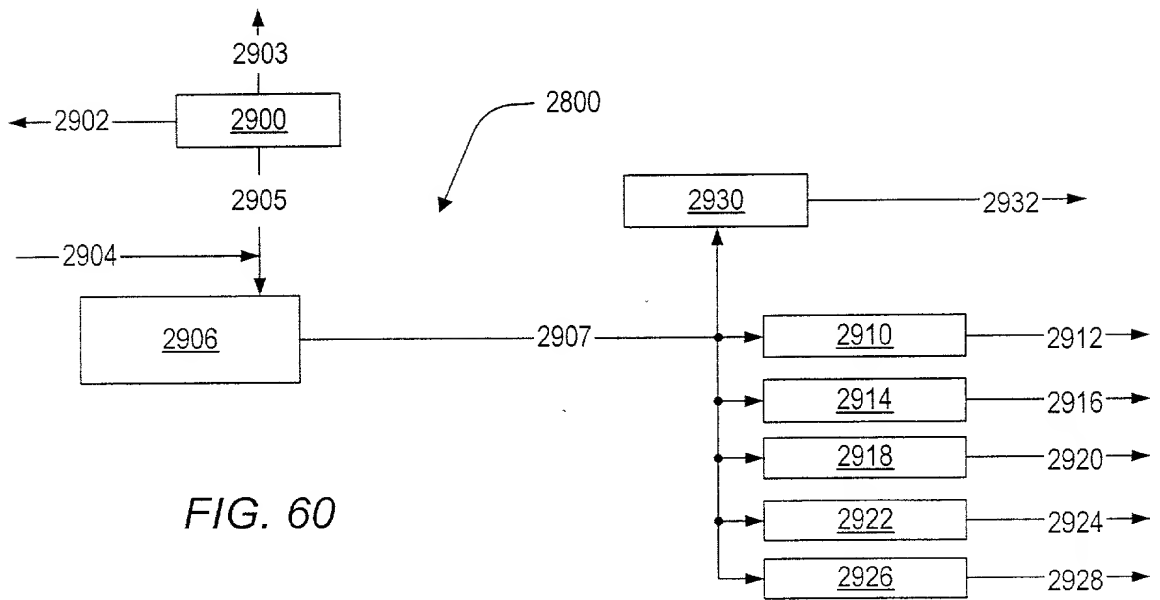
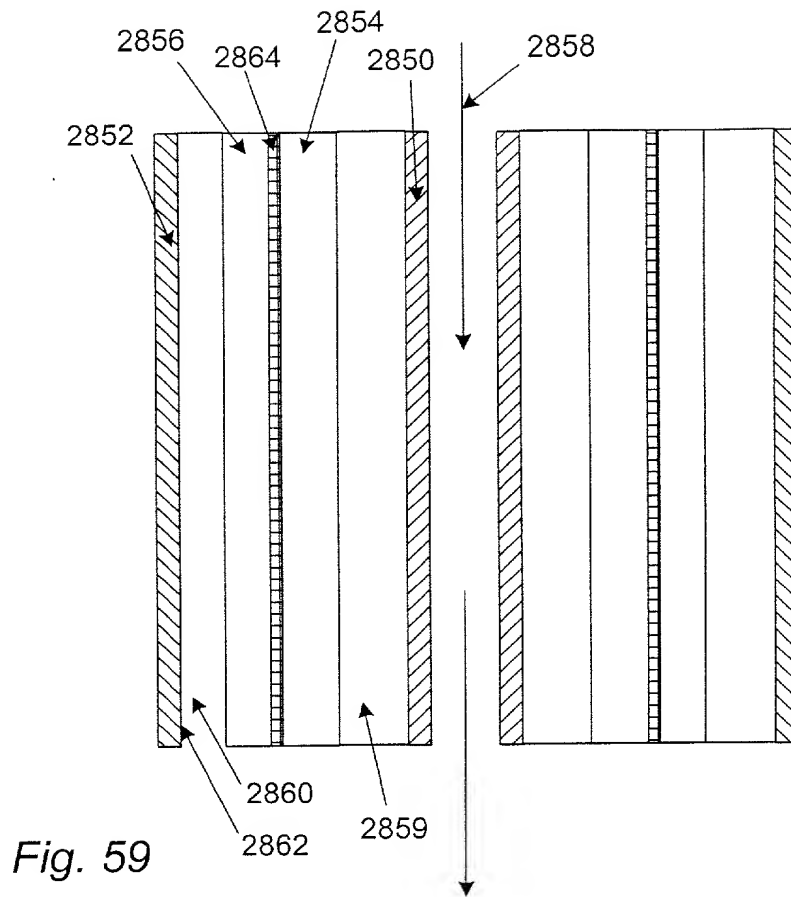


Fig. 58



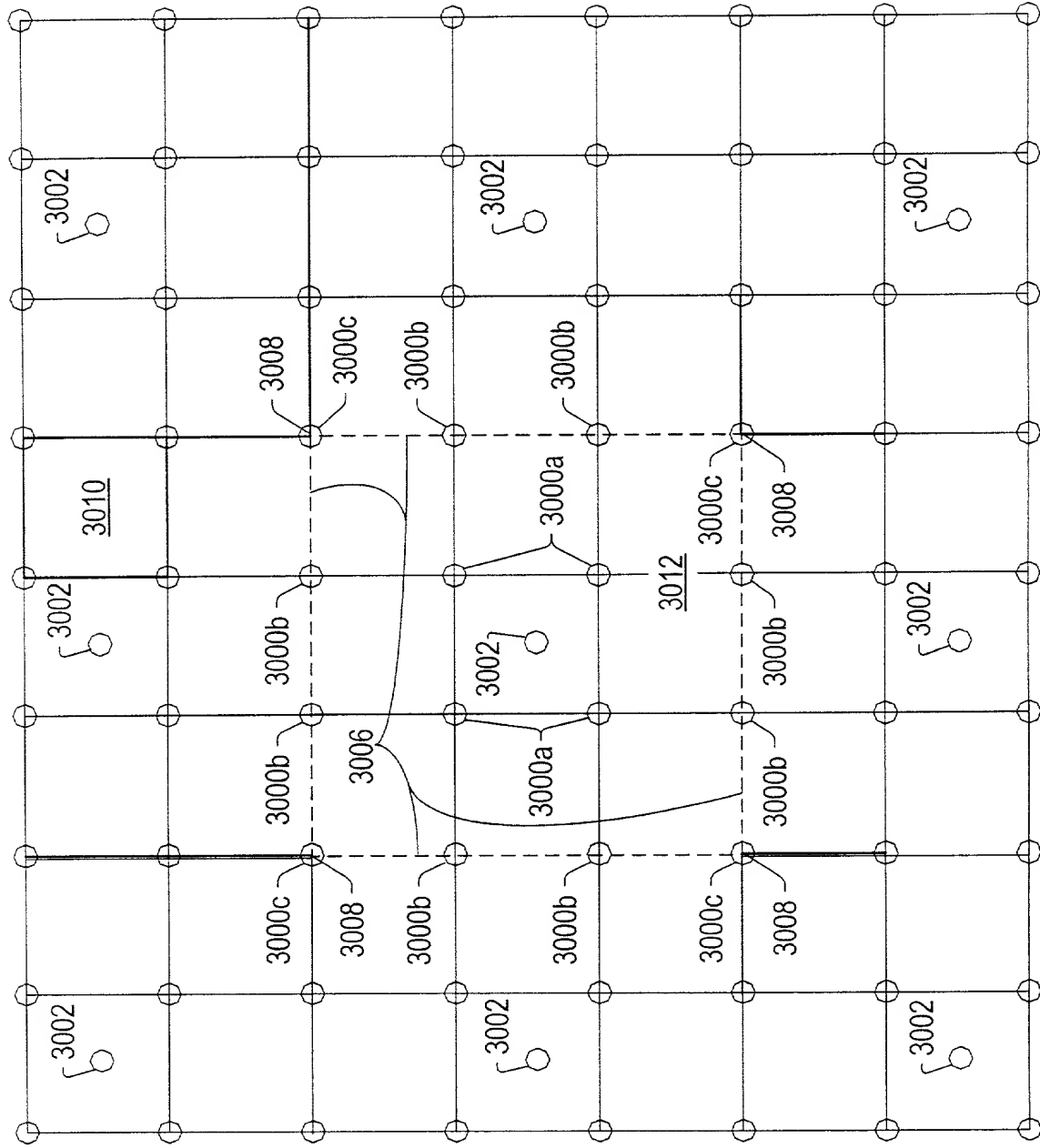


FIG. 61

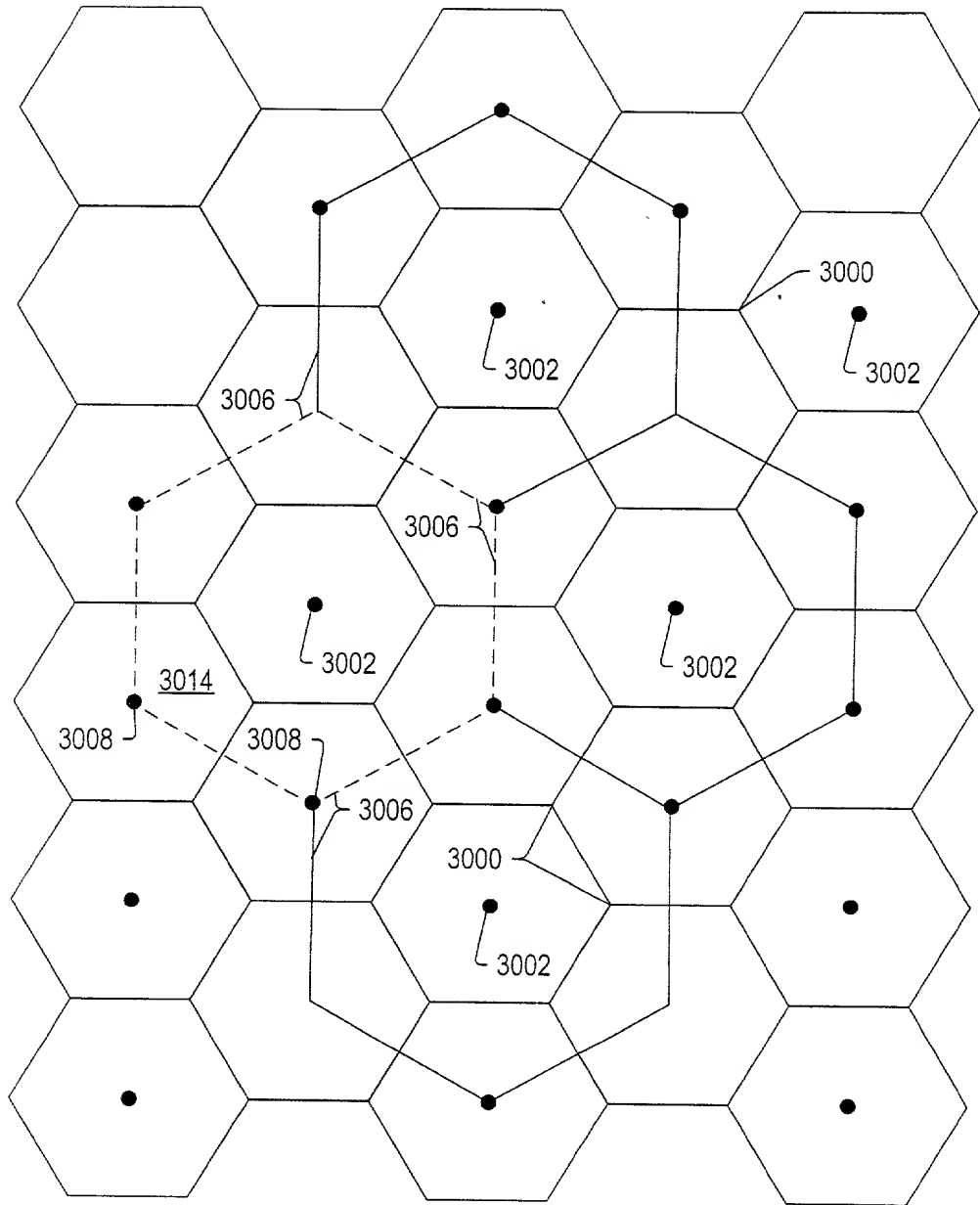


FIG. 62

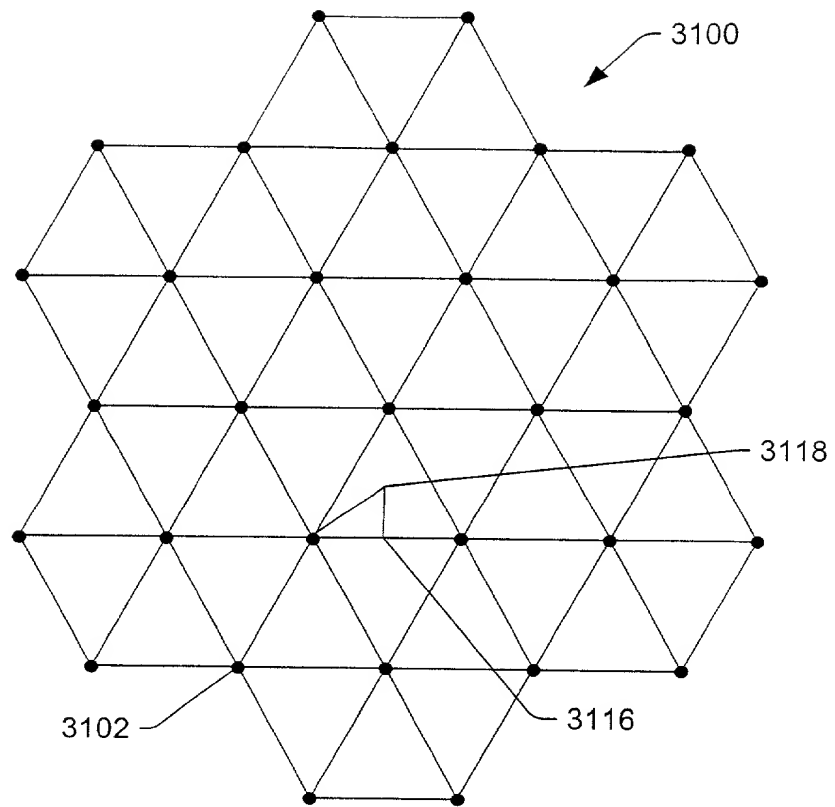


FIG. 63

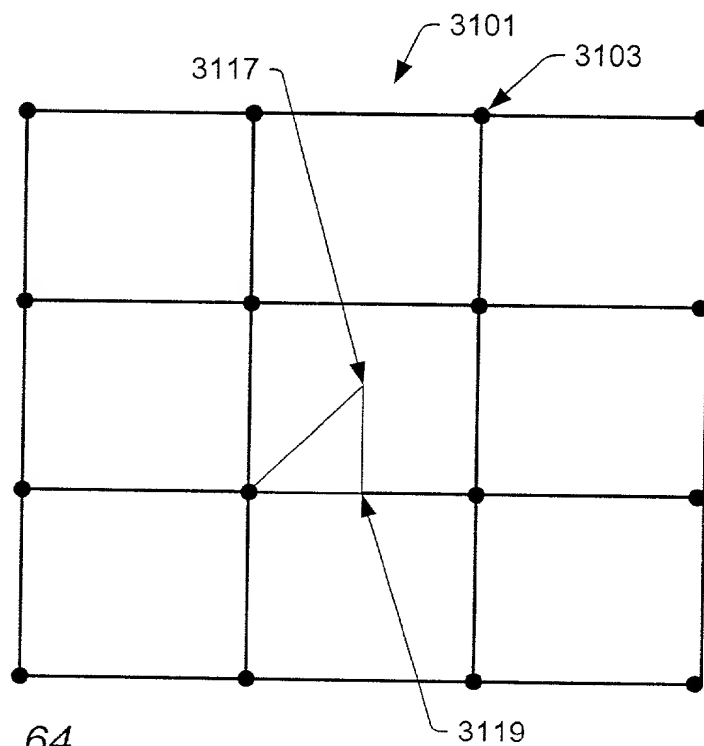


FIG. 64

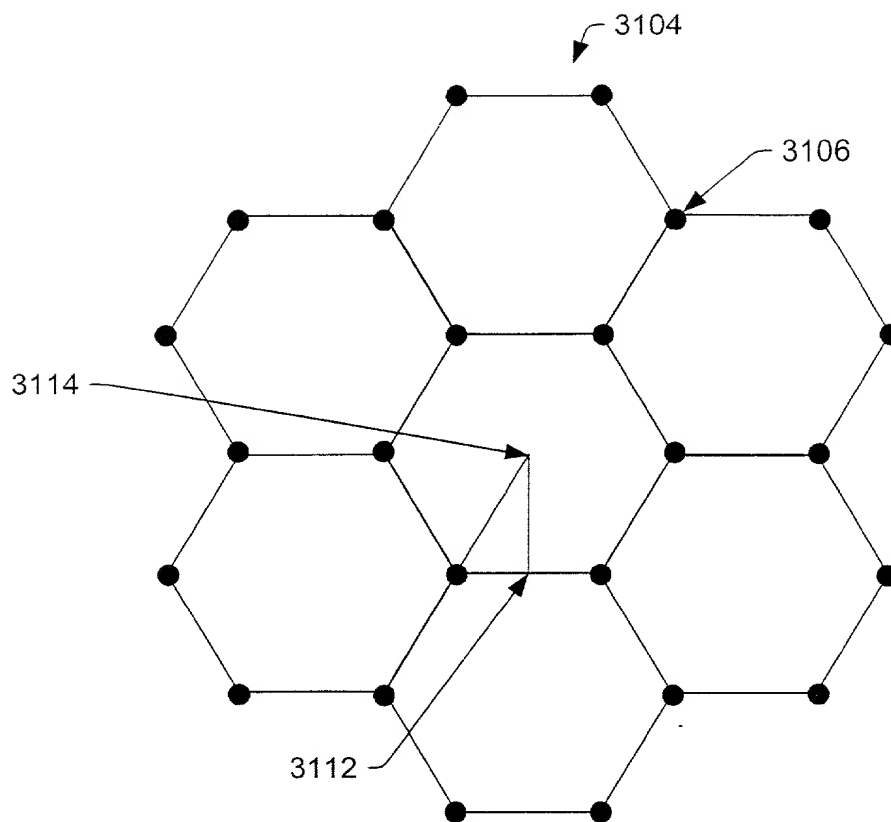


FIG. 65

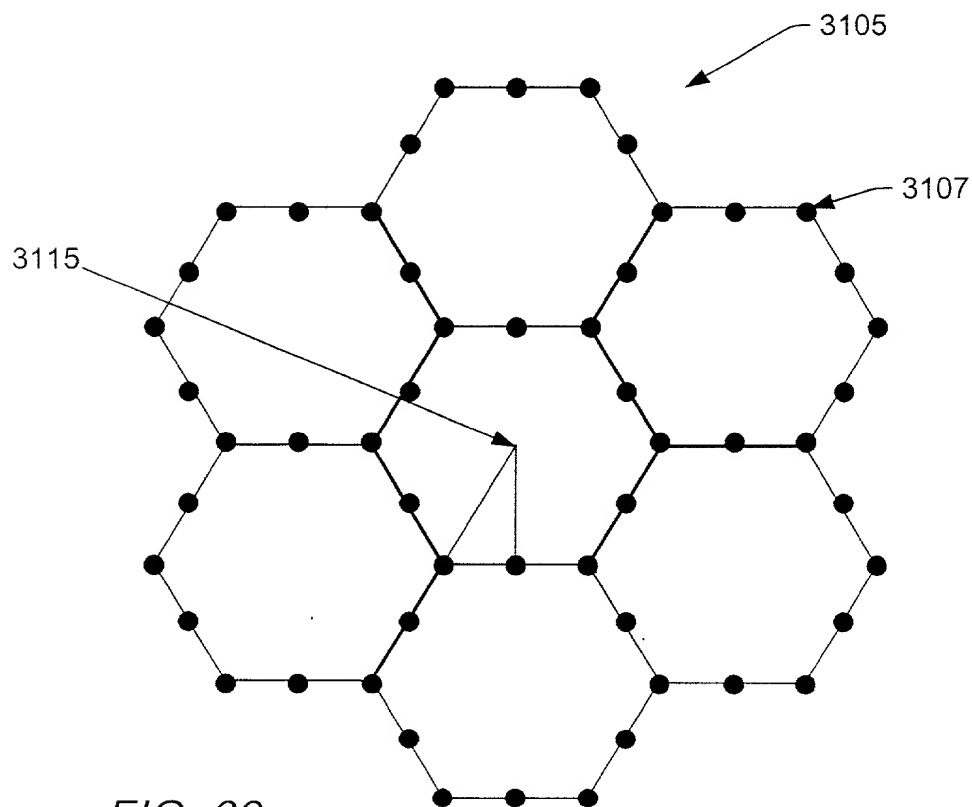


FIG. 66

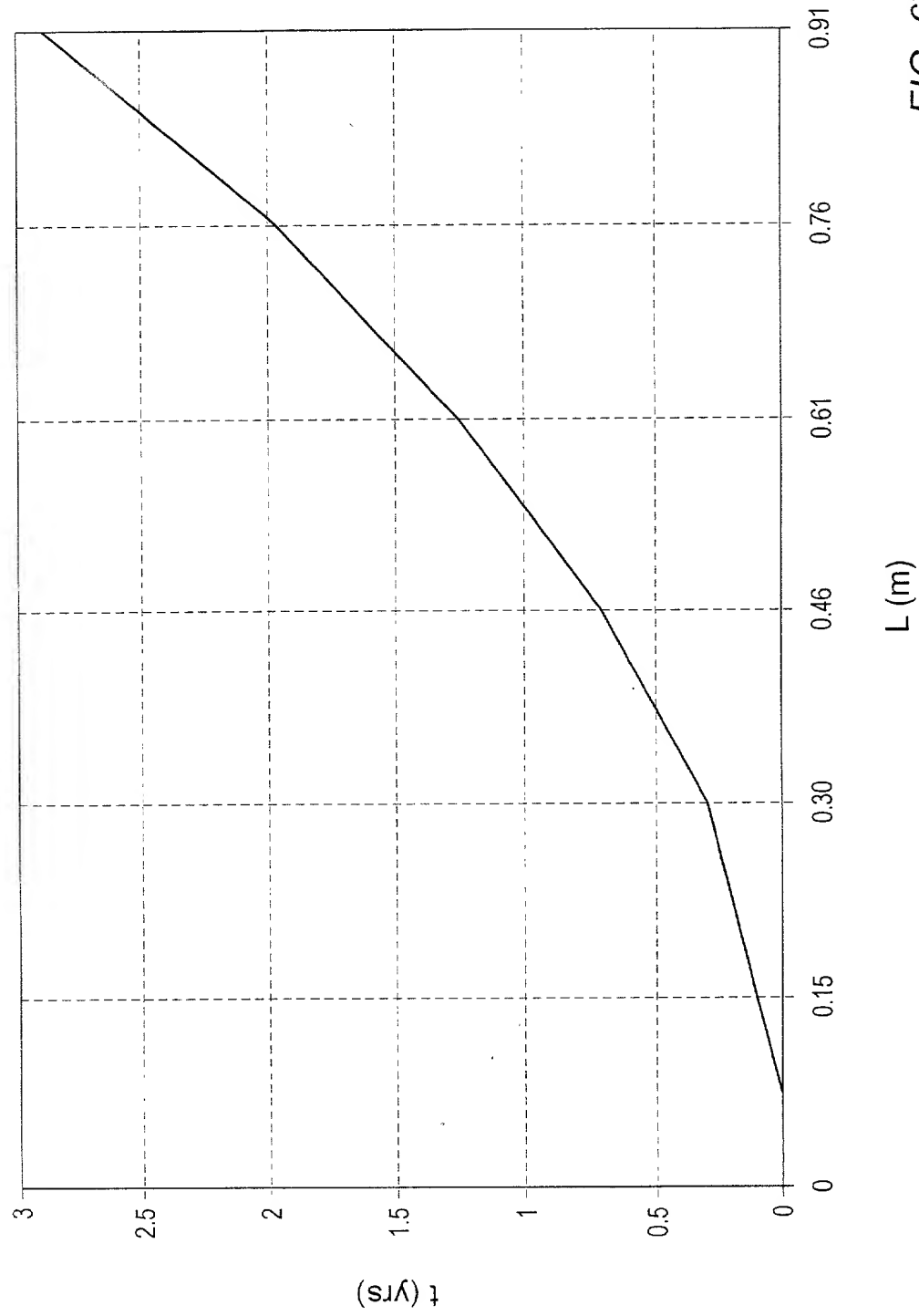


FIG. 67

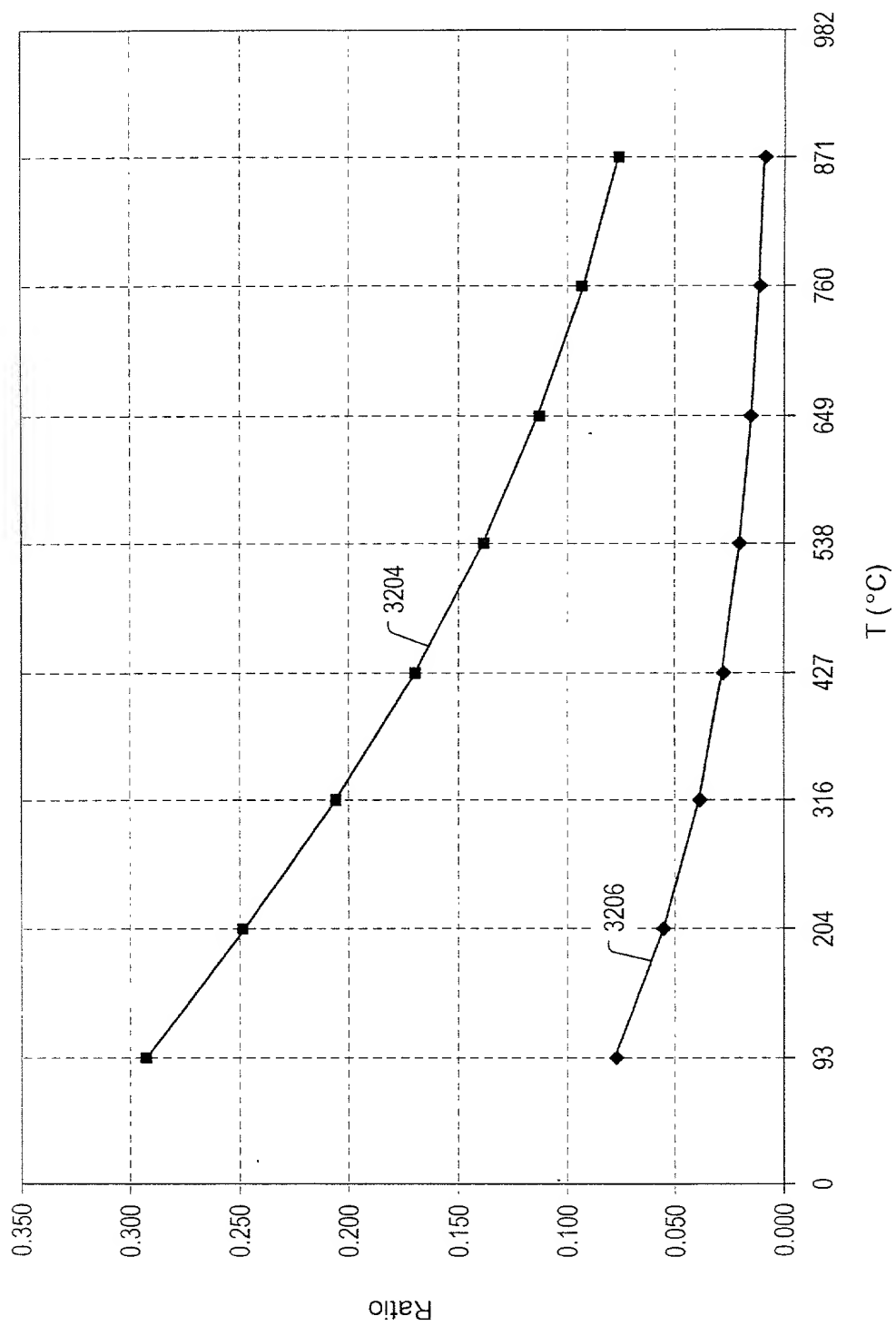


FIG. 68



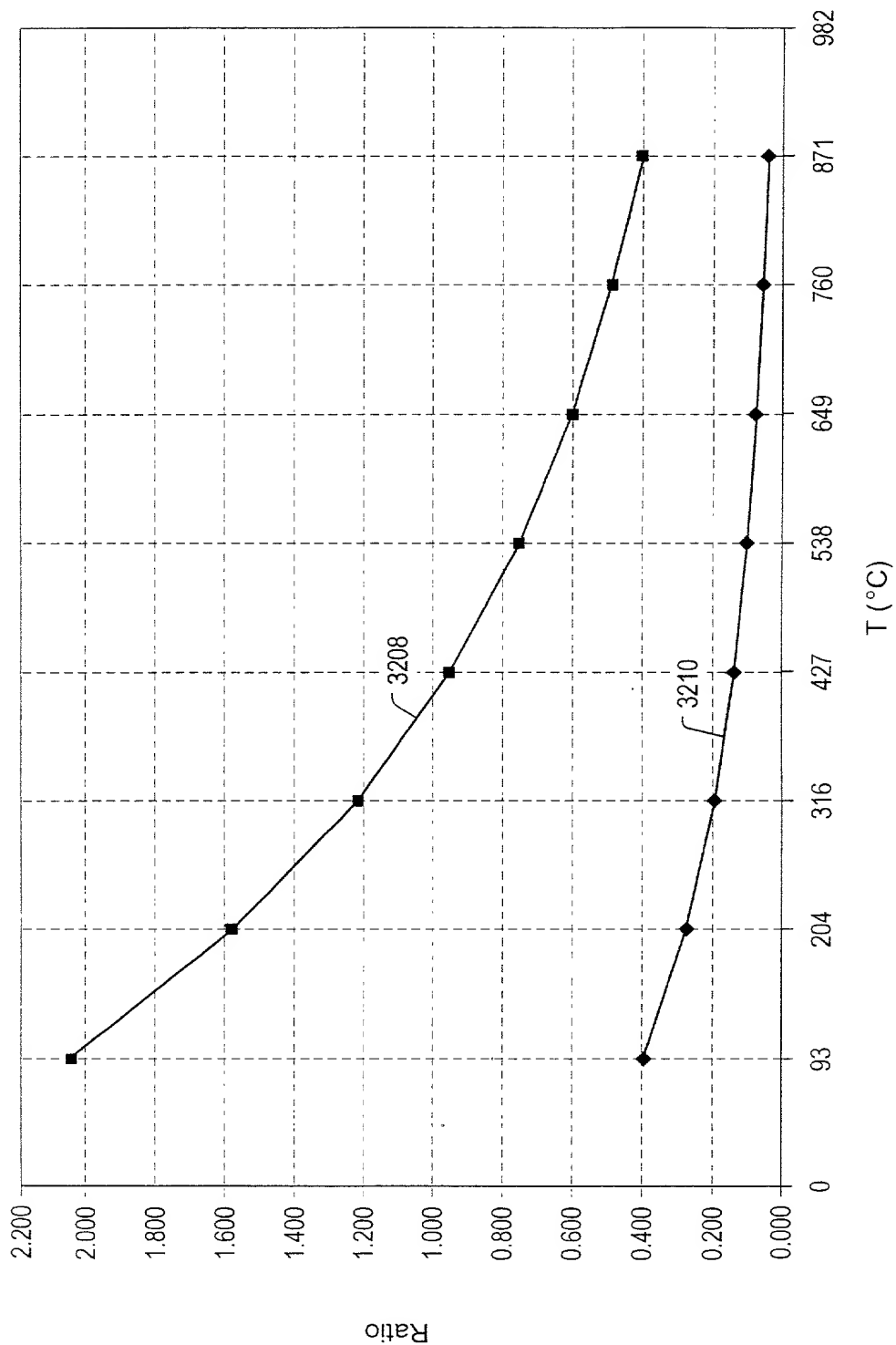


FIG. 69

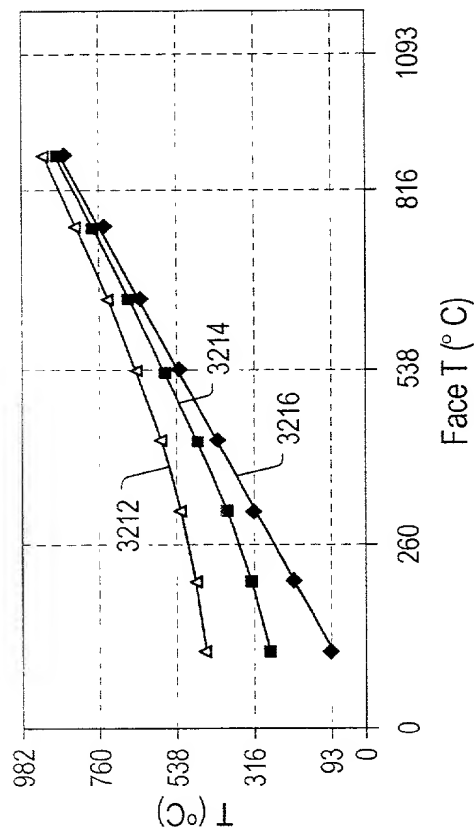


FIG. 70

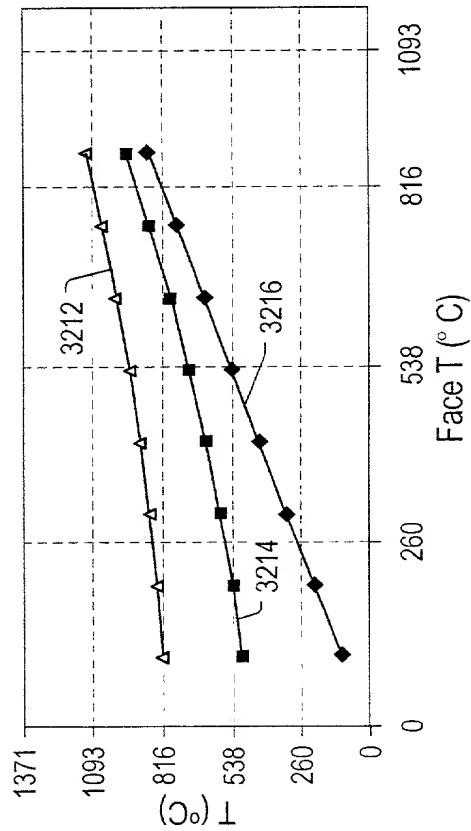
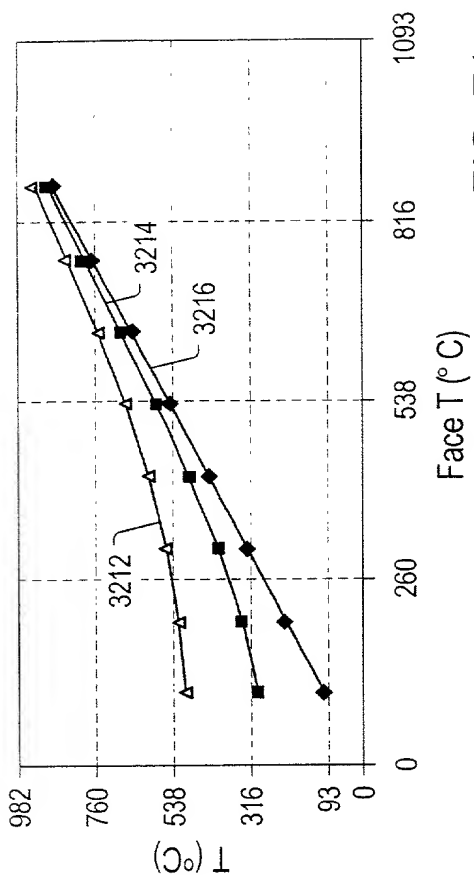
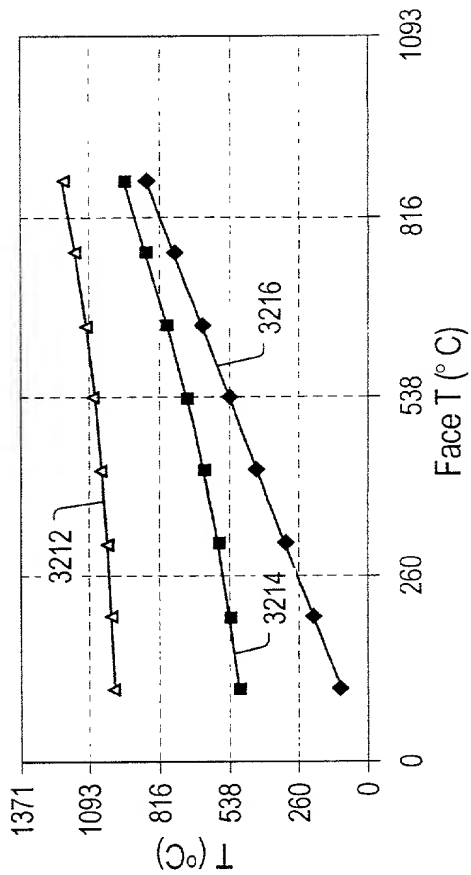


FIG. 72



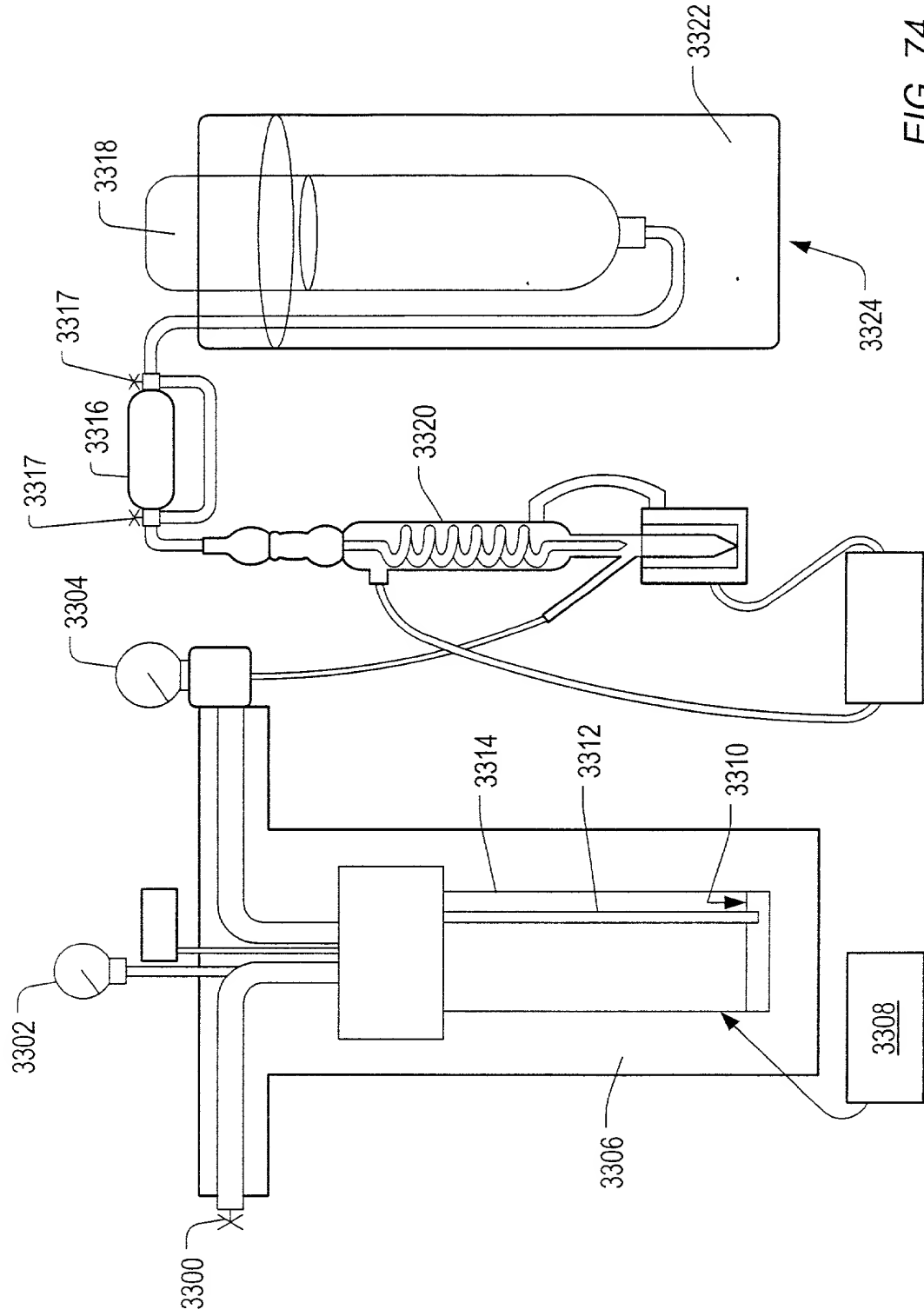


FIG. 74

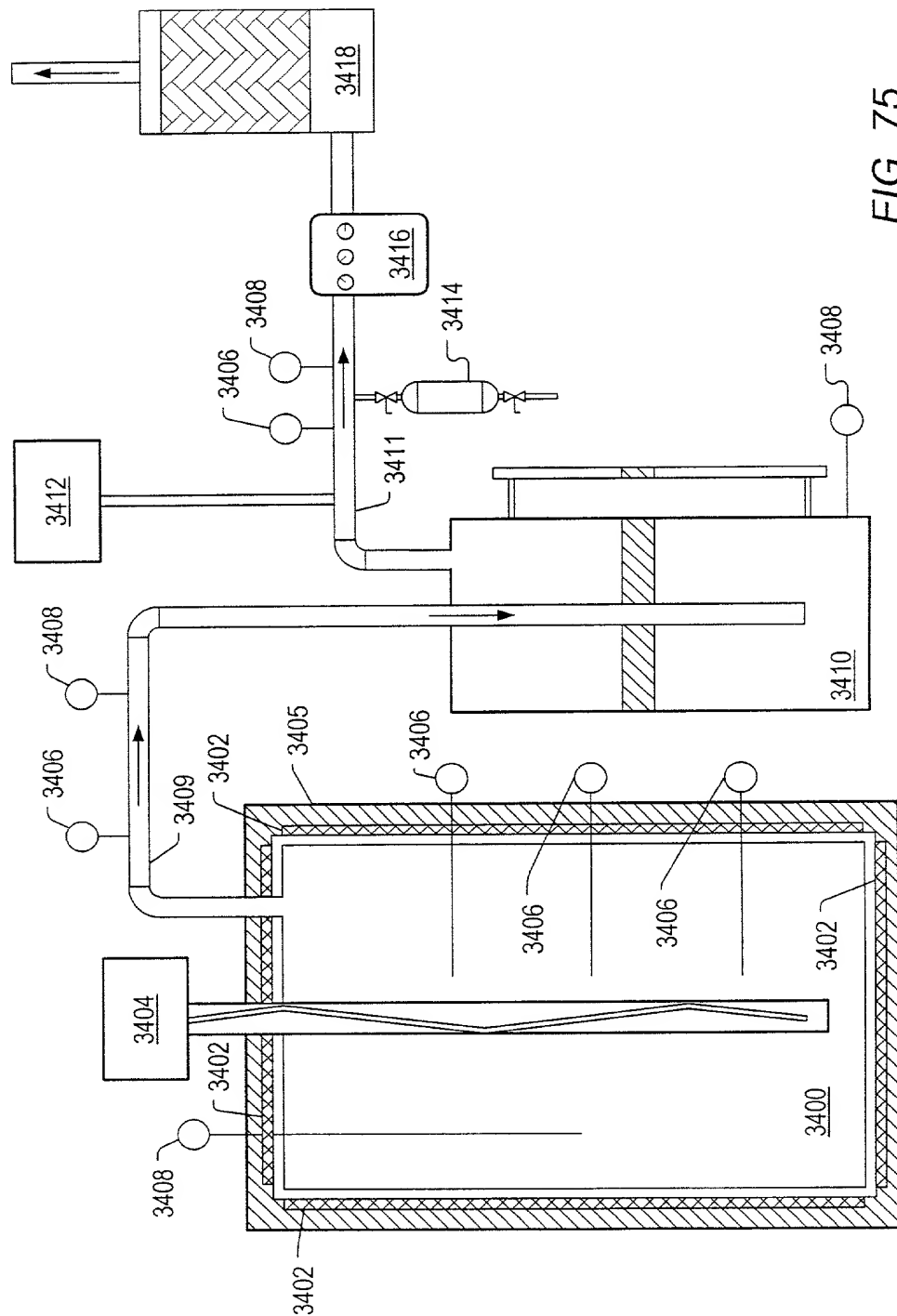


FIG. 75

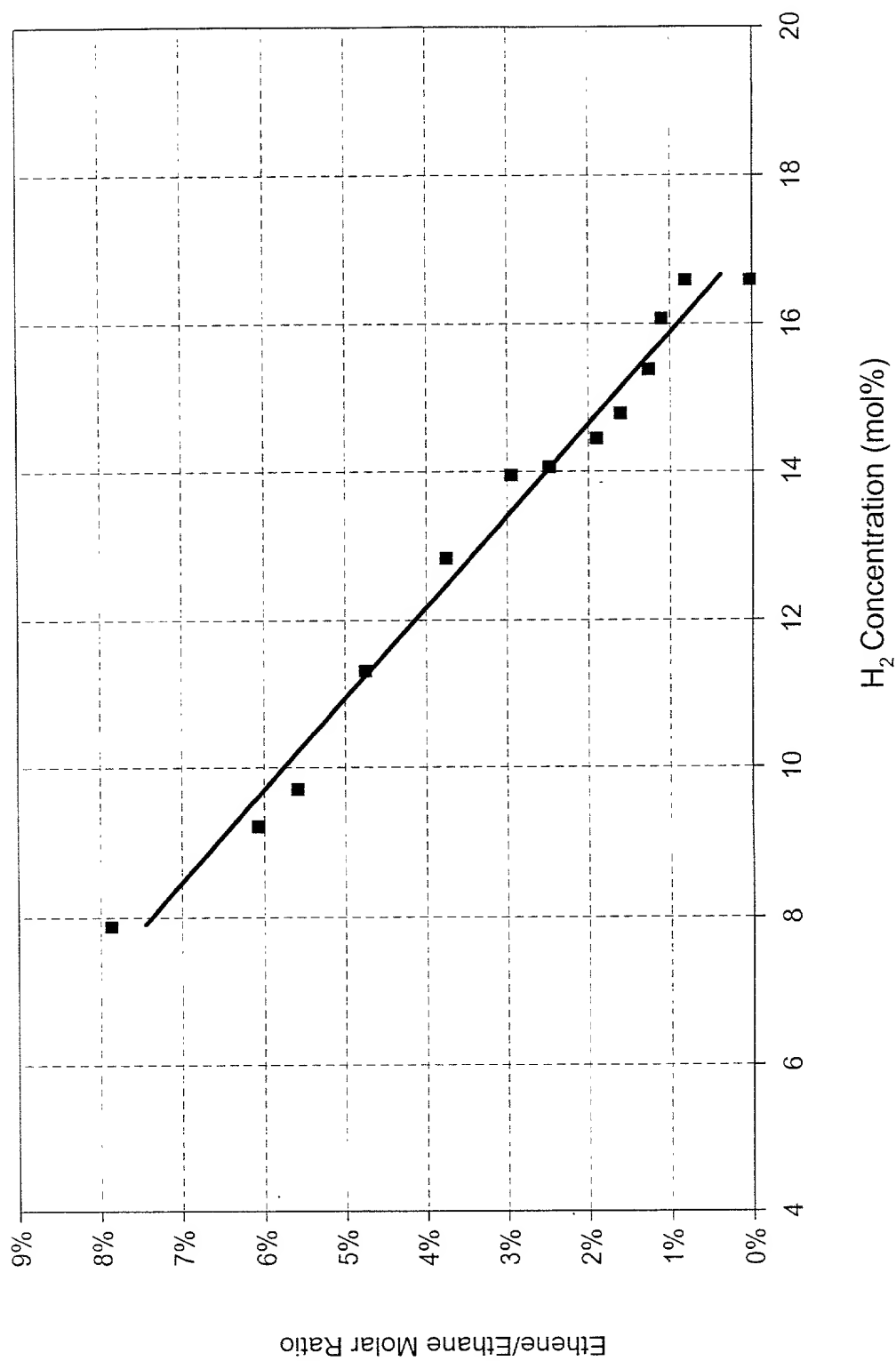
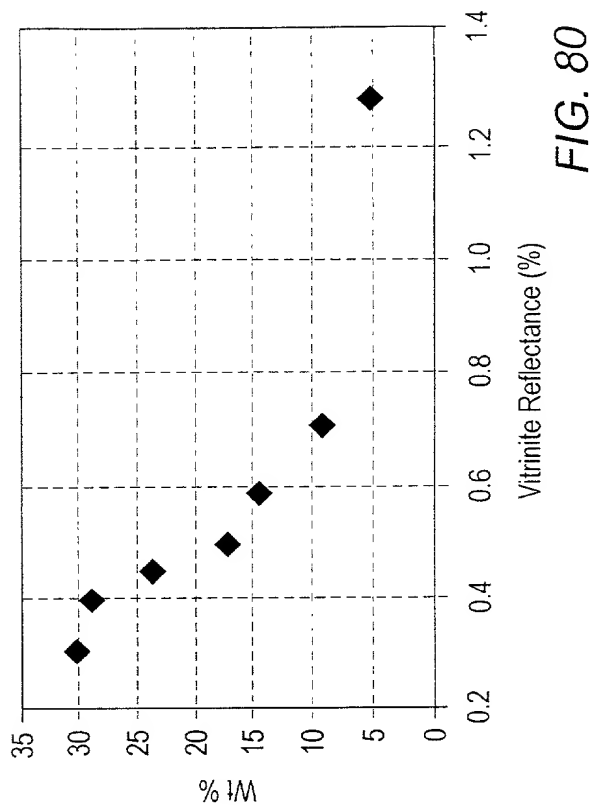
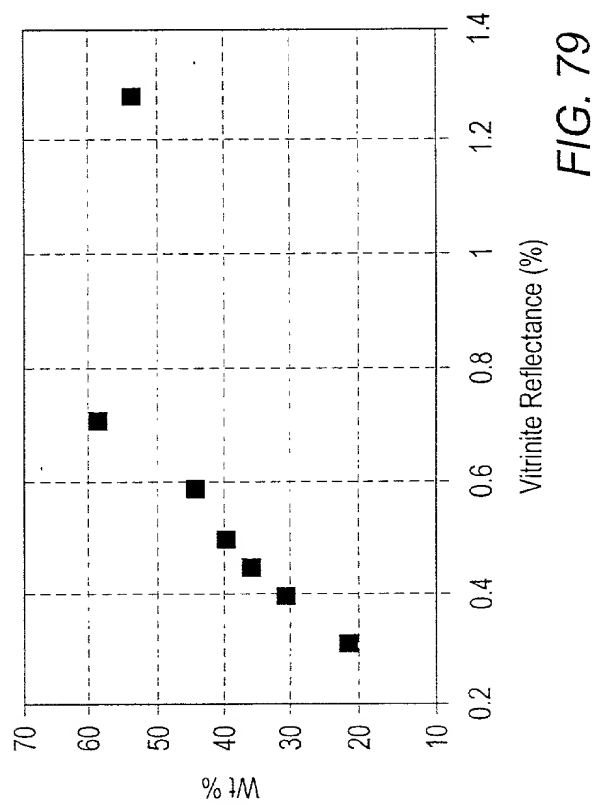
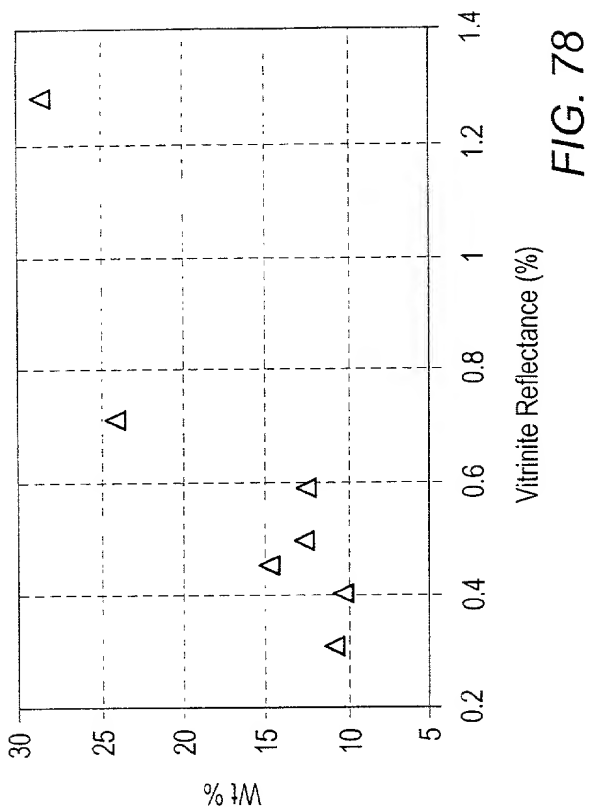
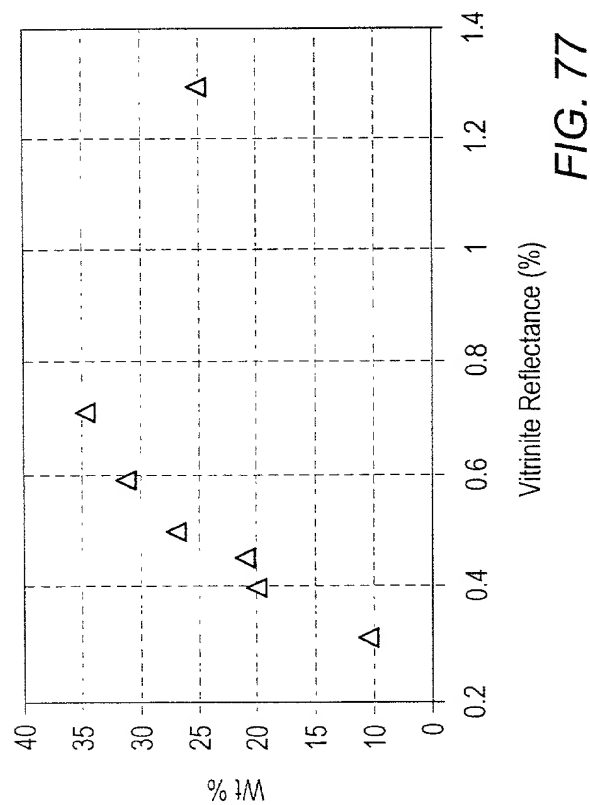


FIG. 76



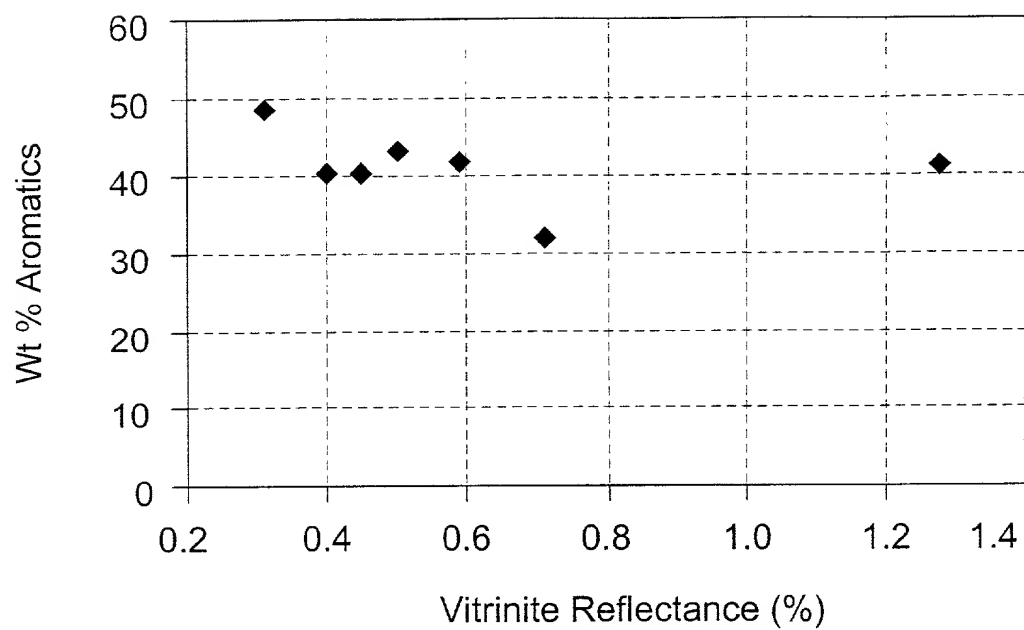


FIG. 81

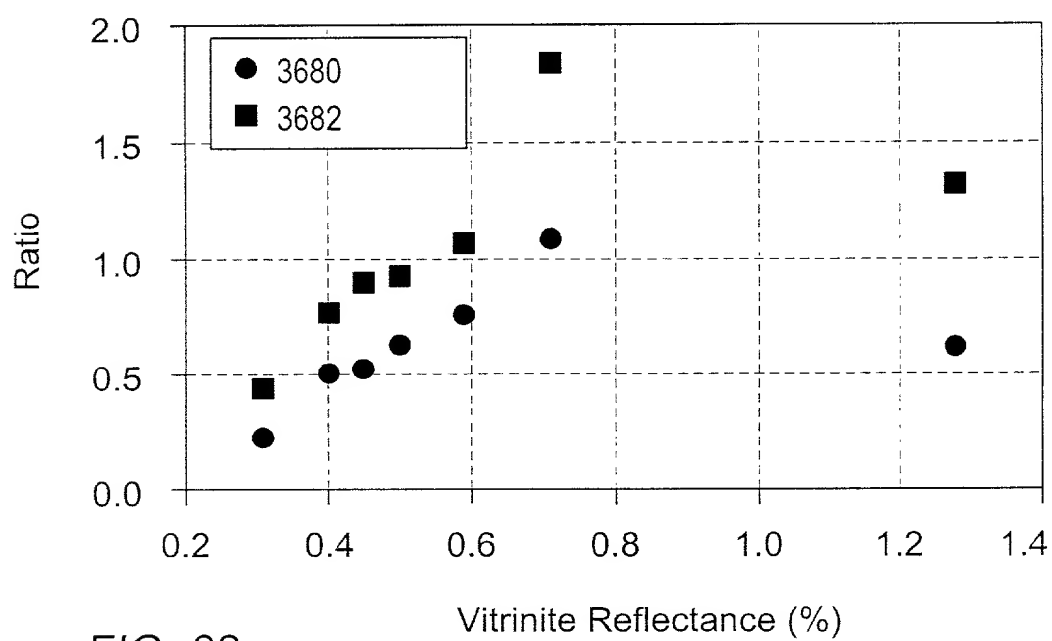
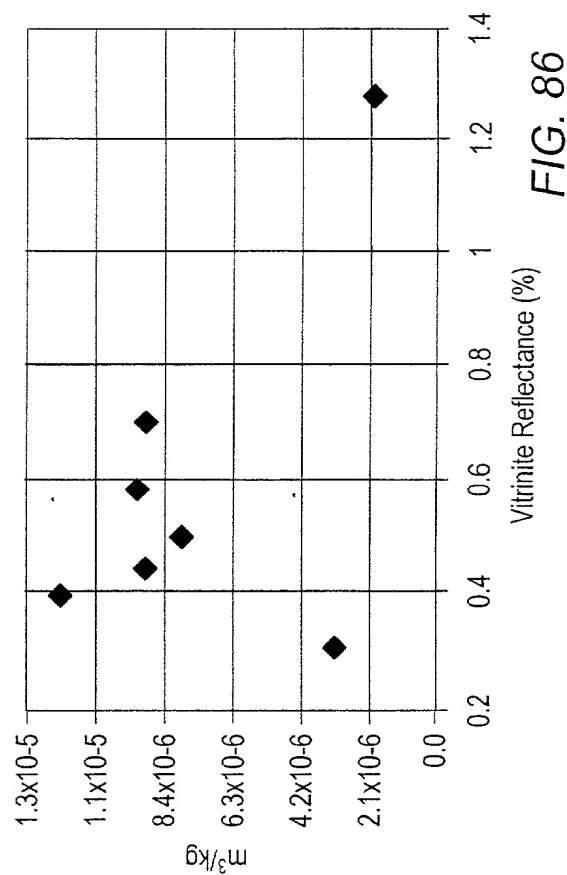
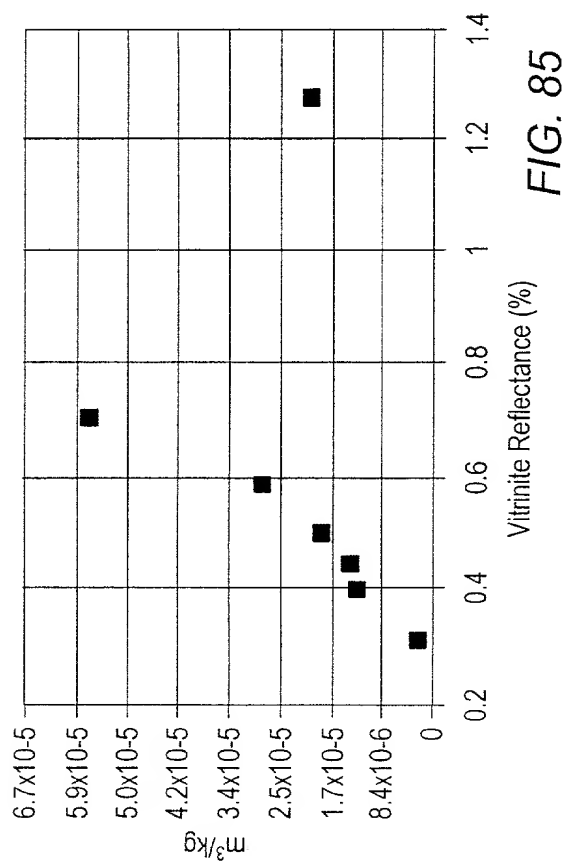
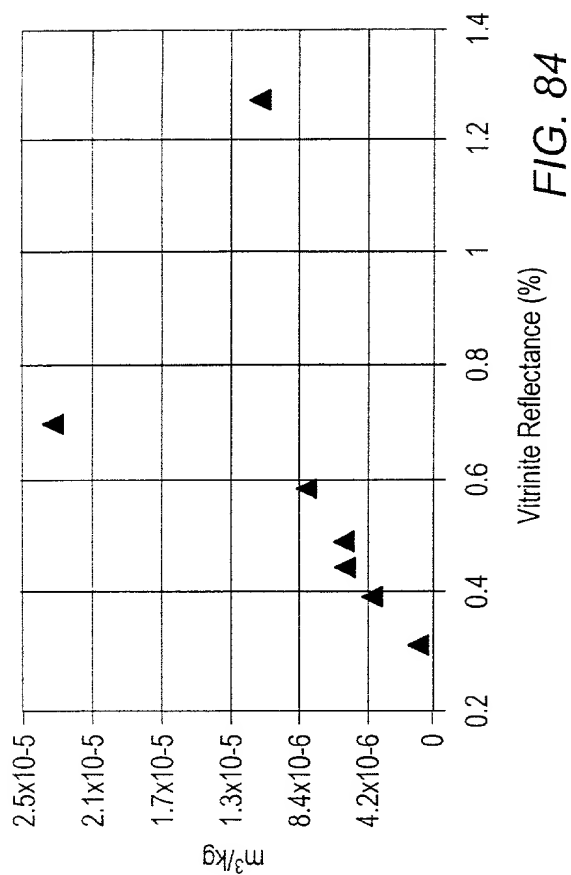
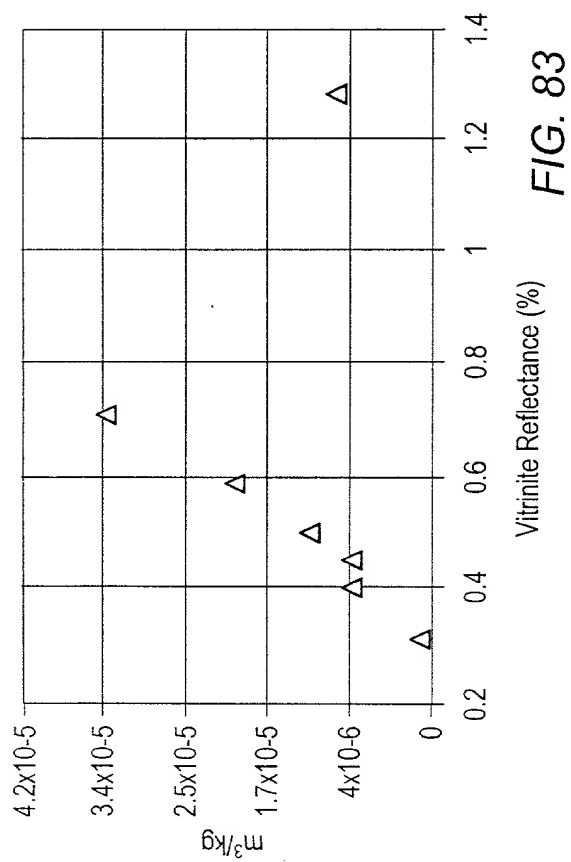


FIG. 82





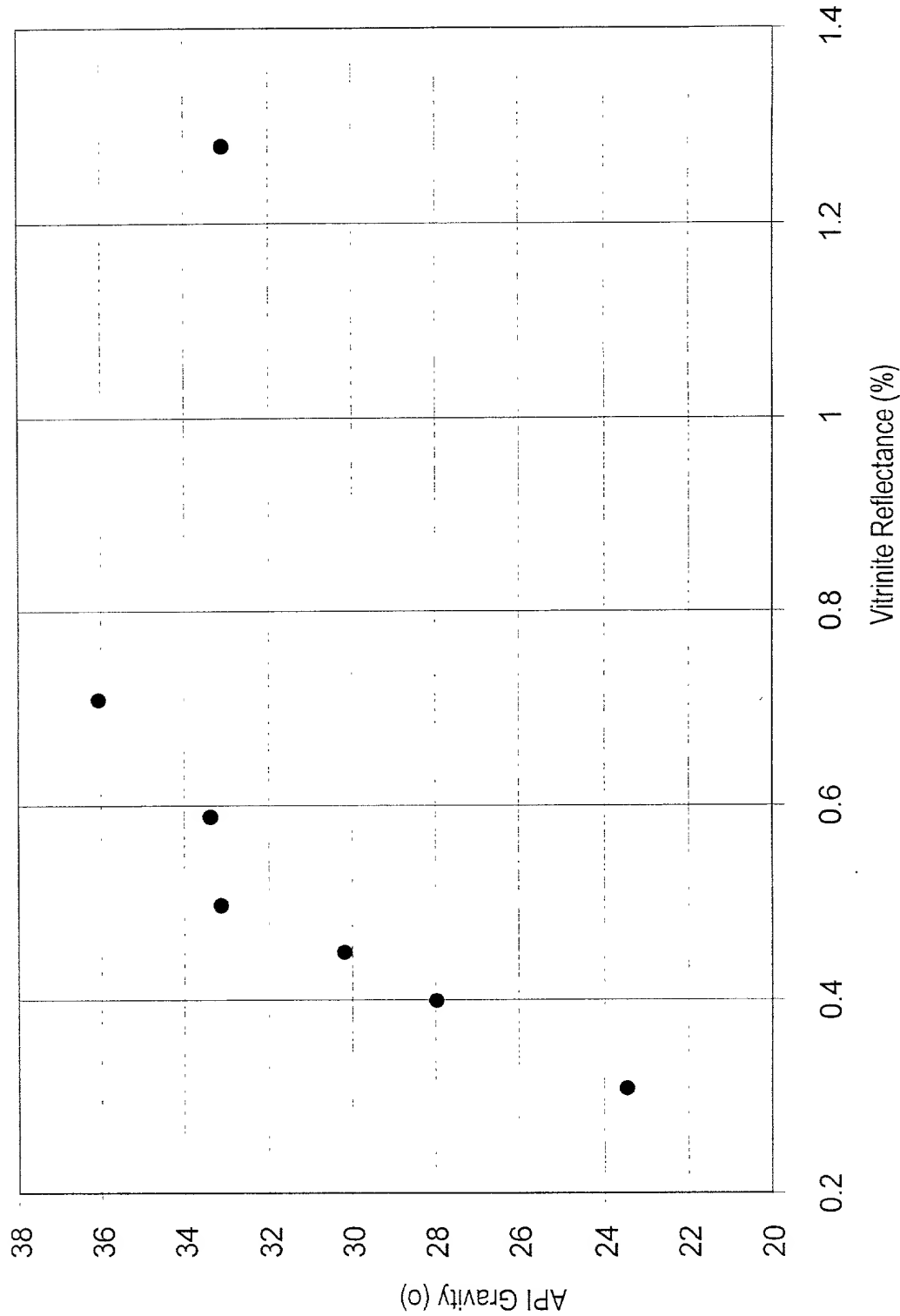
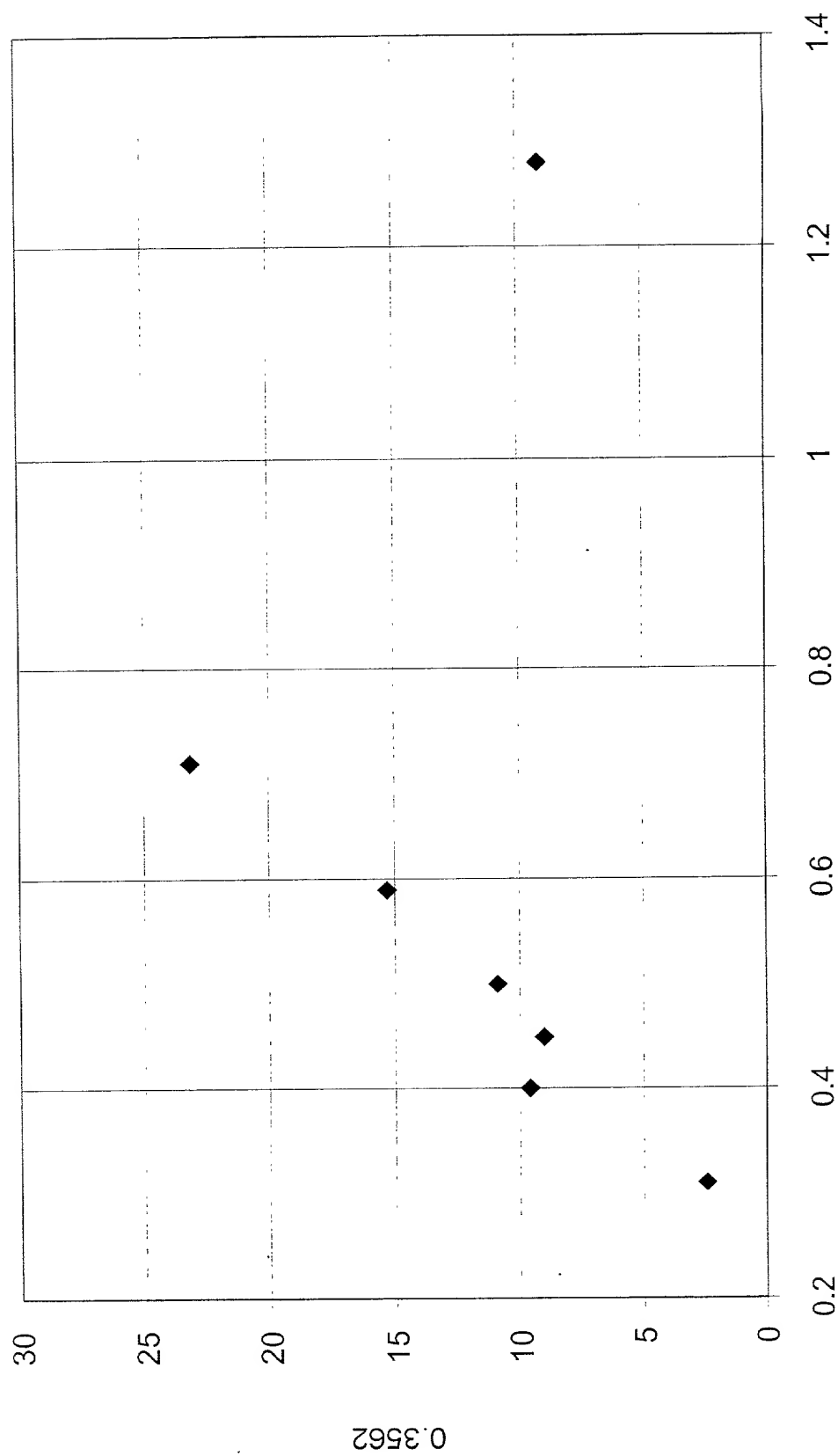
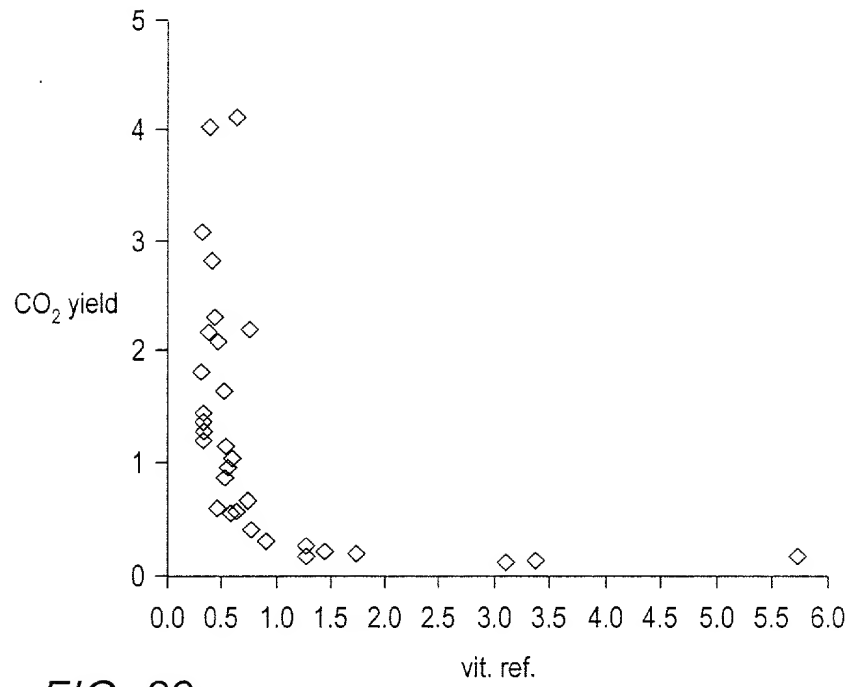


FIG. 87



Vitrinite Reflectance (%)

FIG. 88





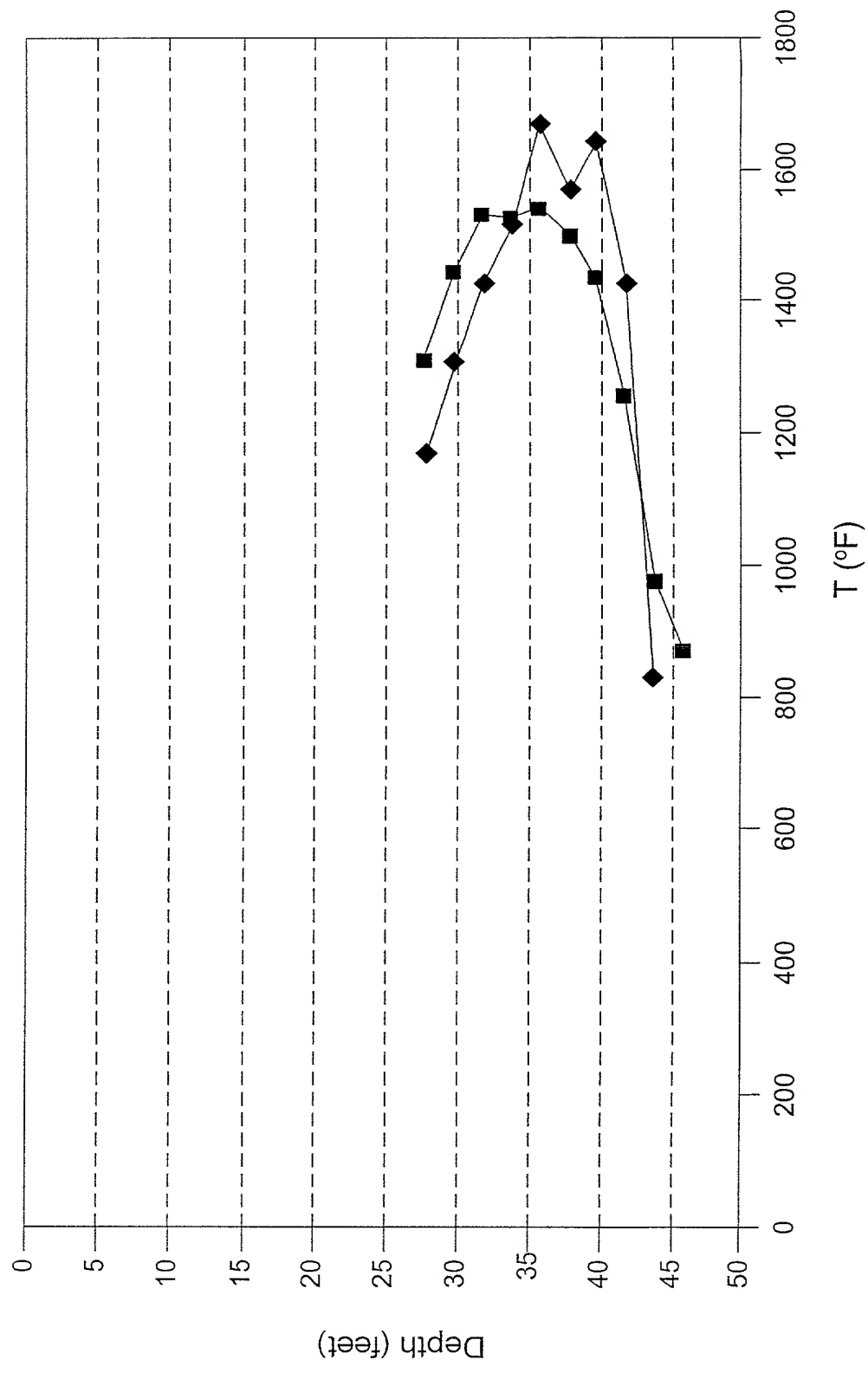


FIG. 92

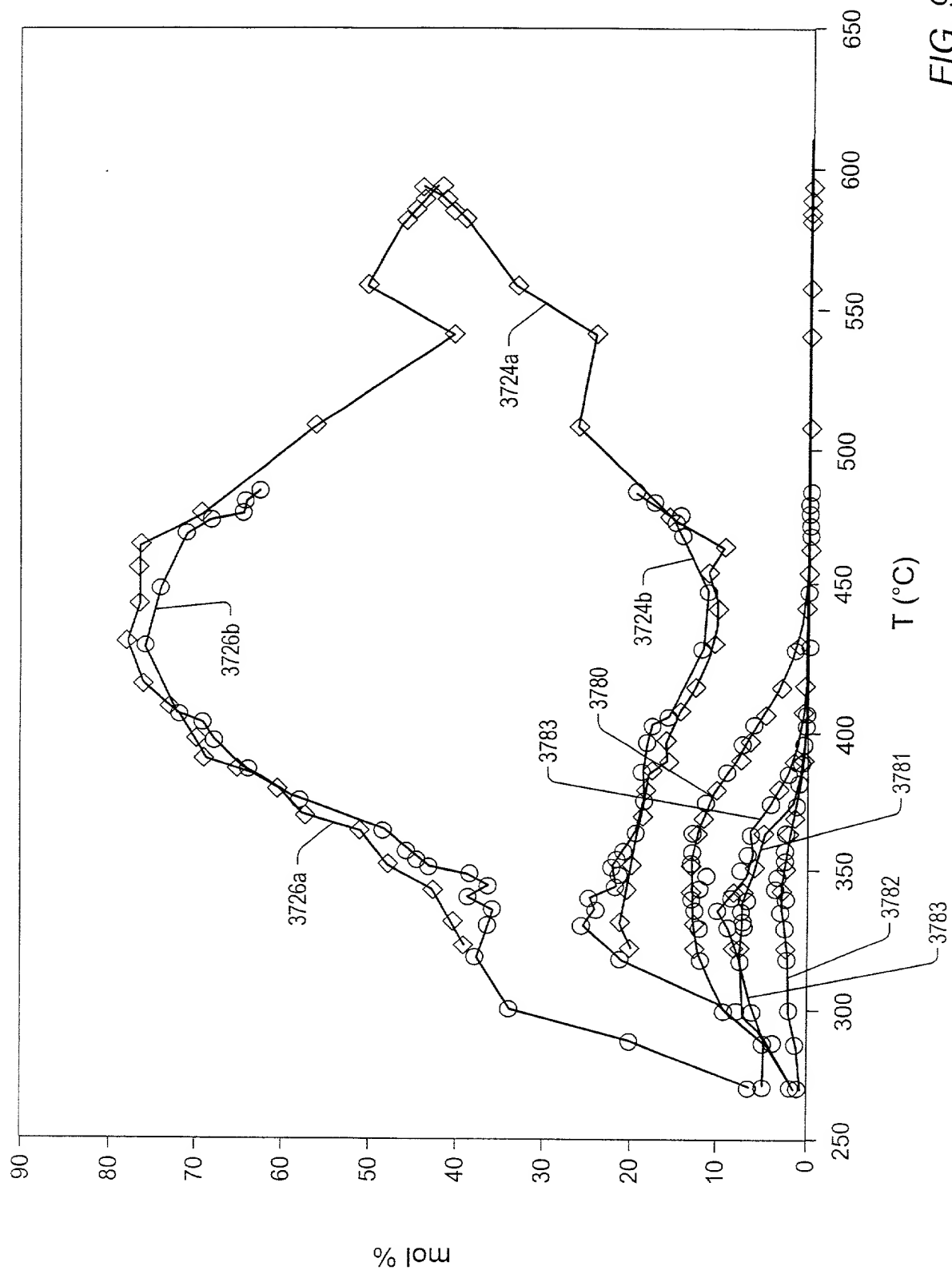


FIG. 93

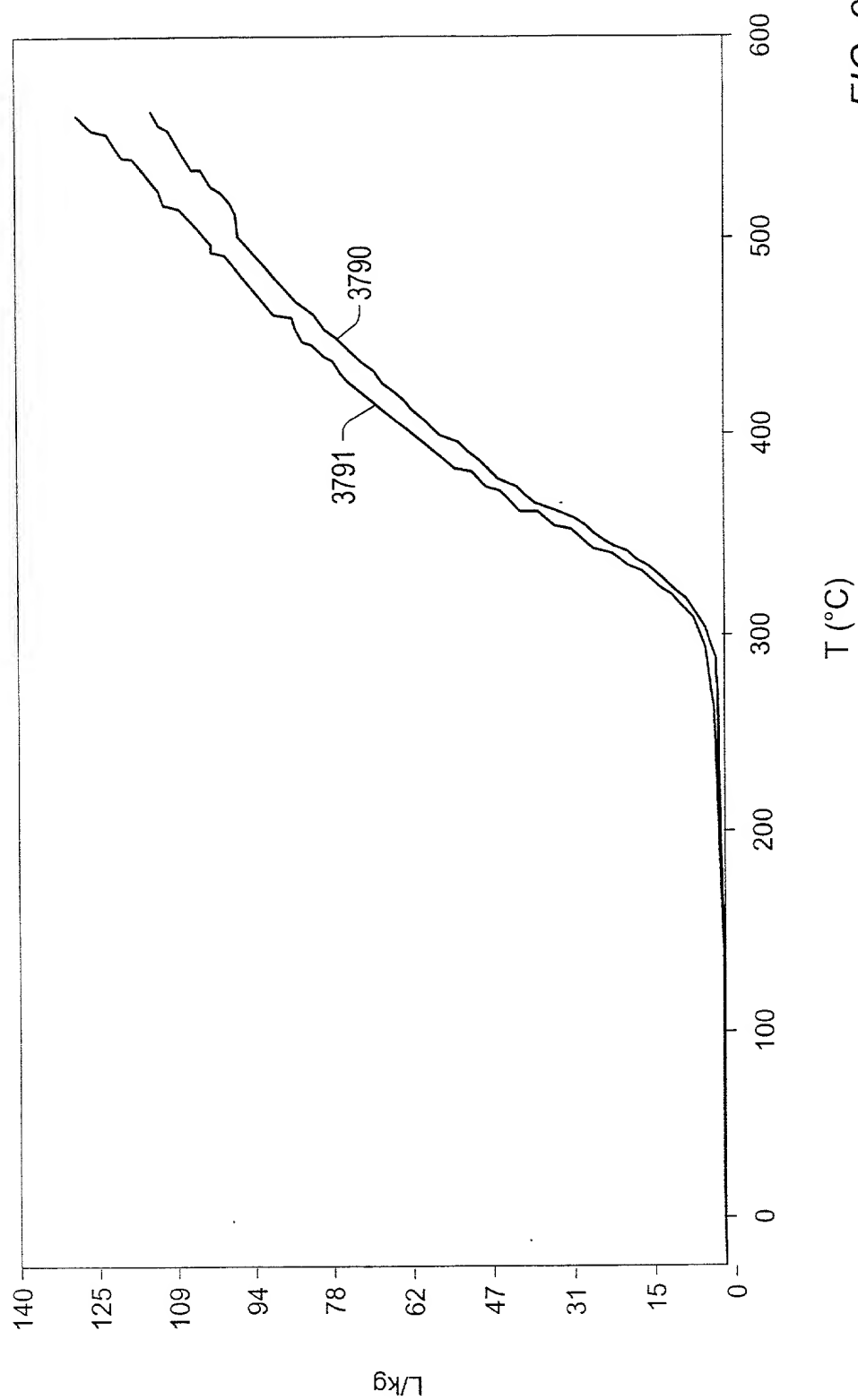


FIG. 94

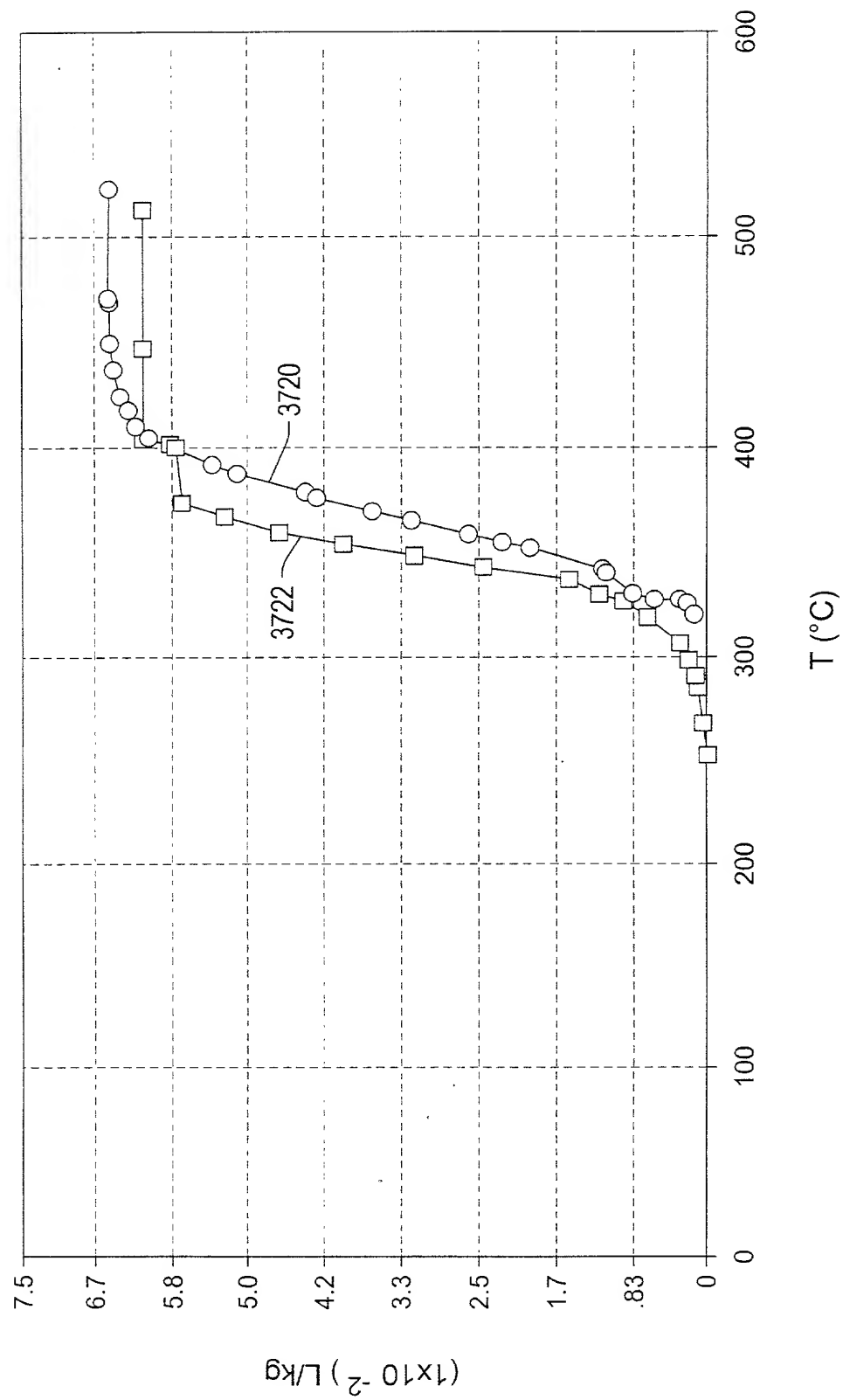


FIG. 95



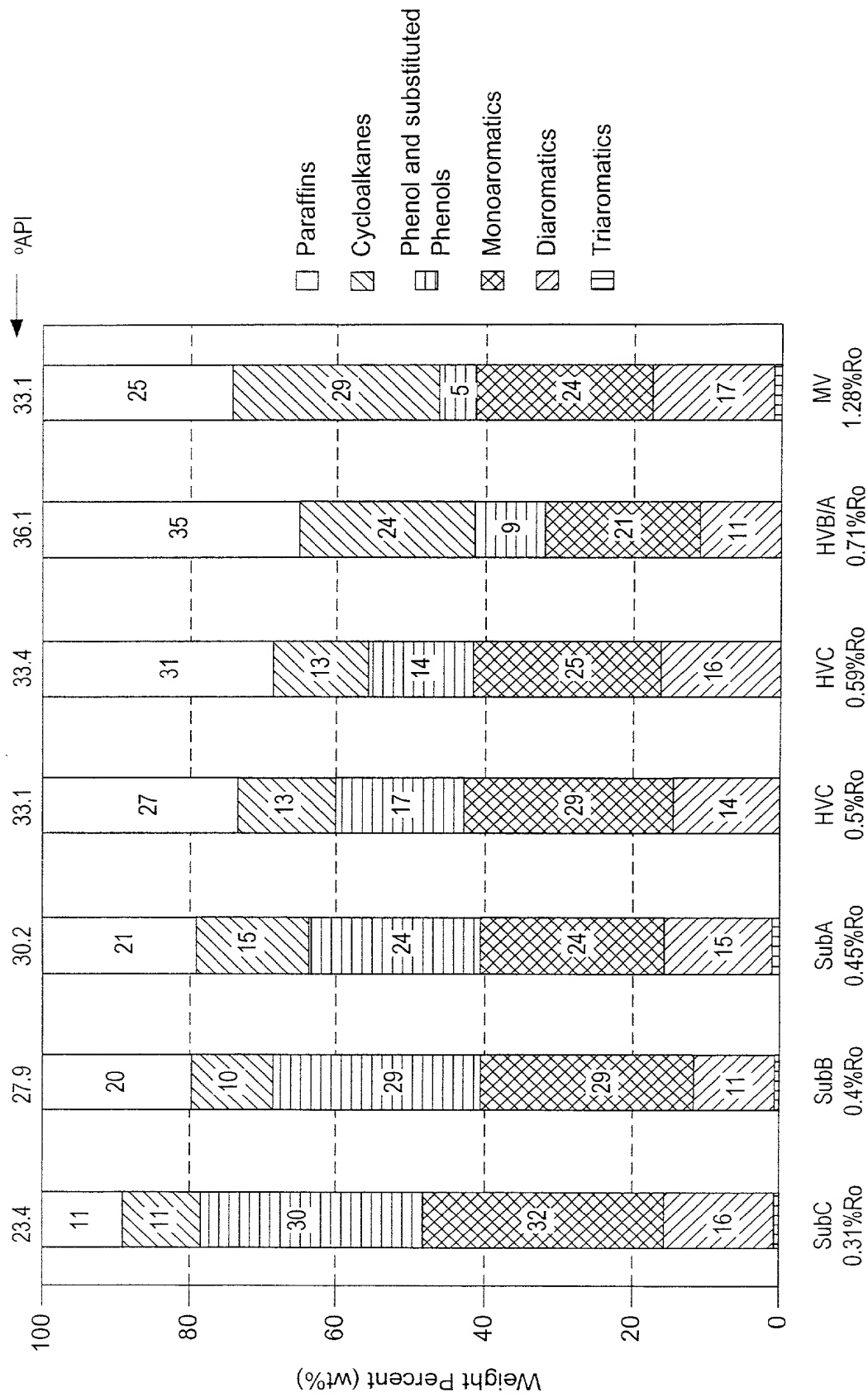


FIG. 96

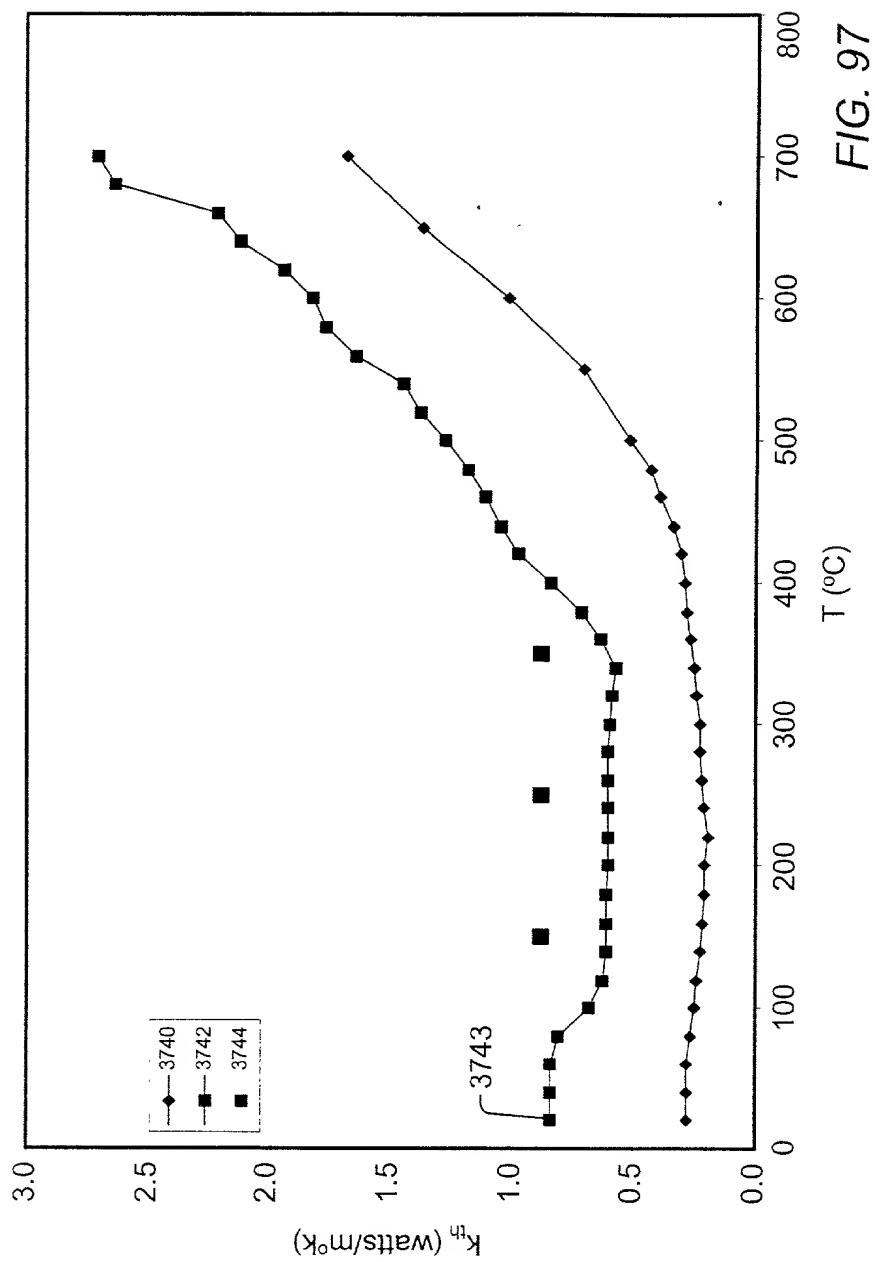


FIG. 97

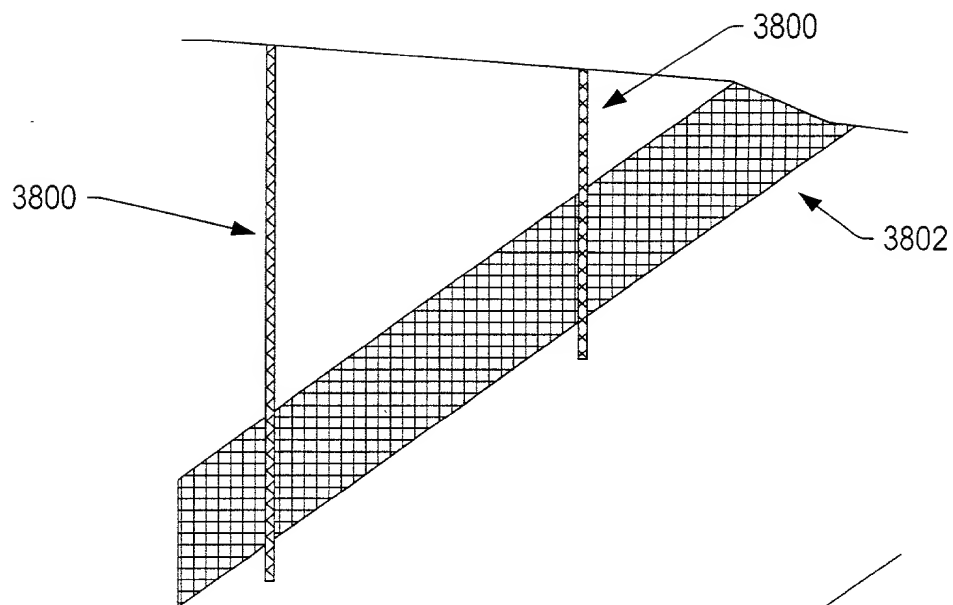
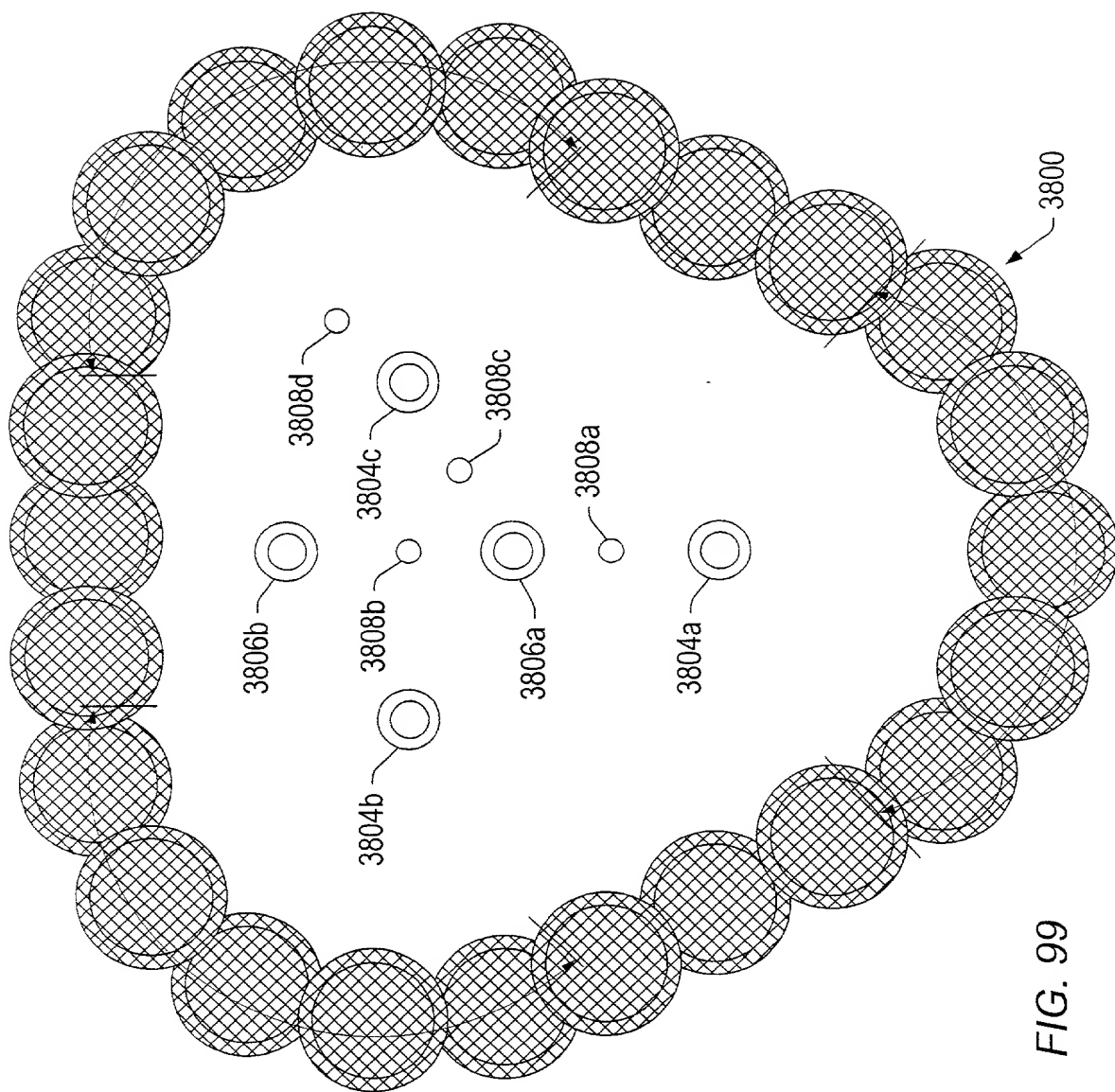


FIG. 98



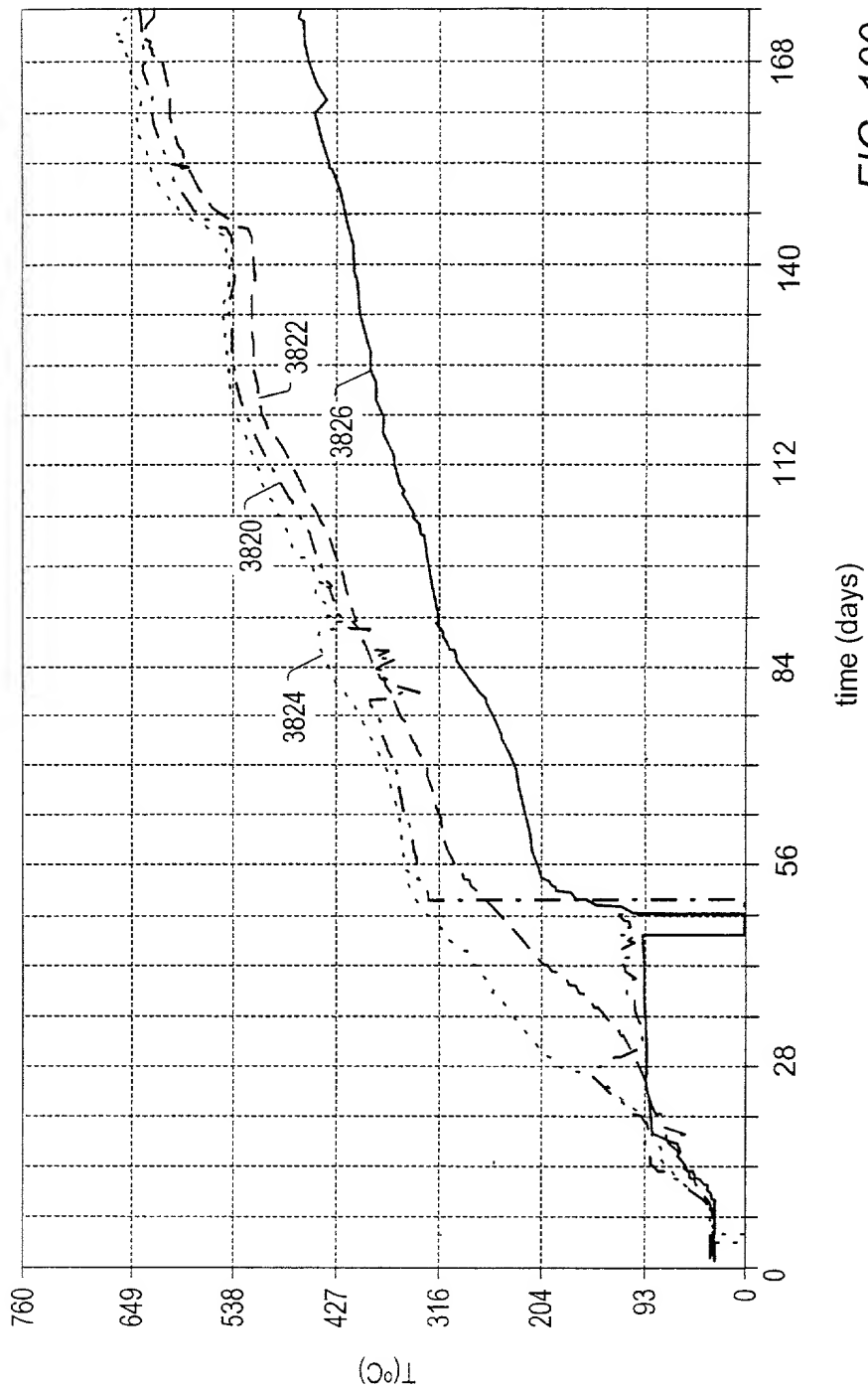


FIG. 100

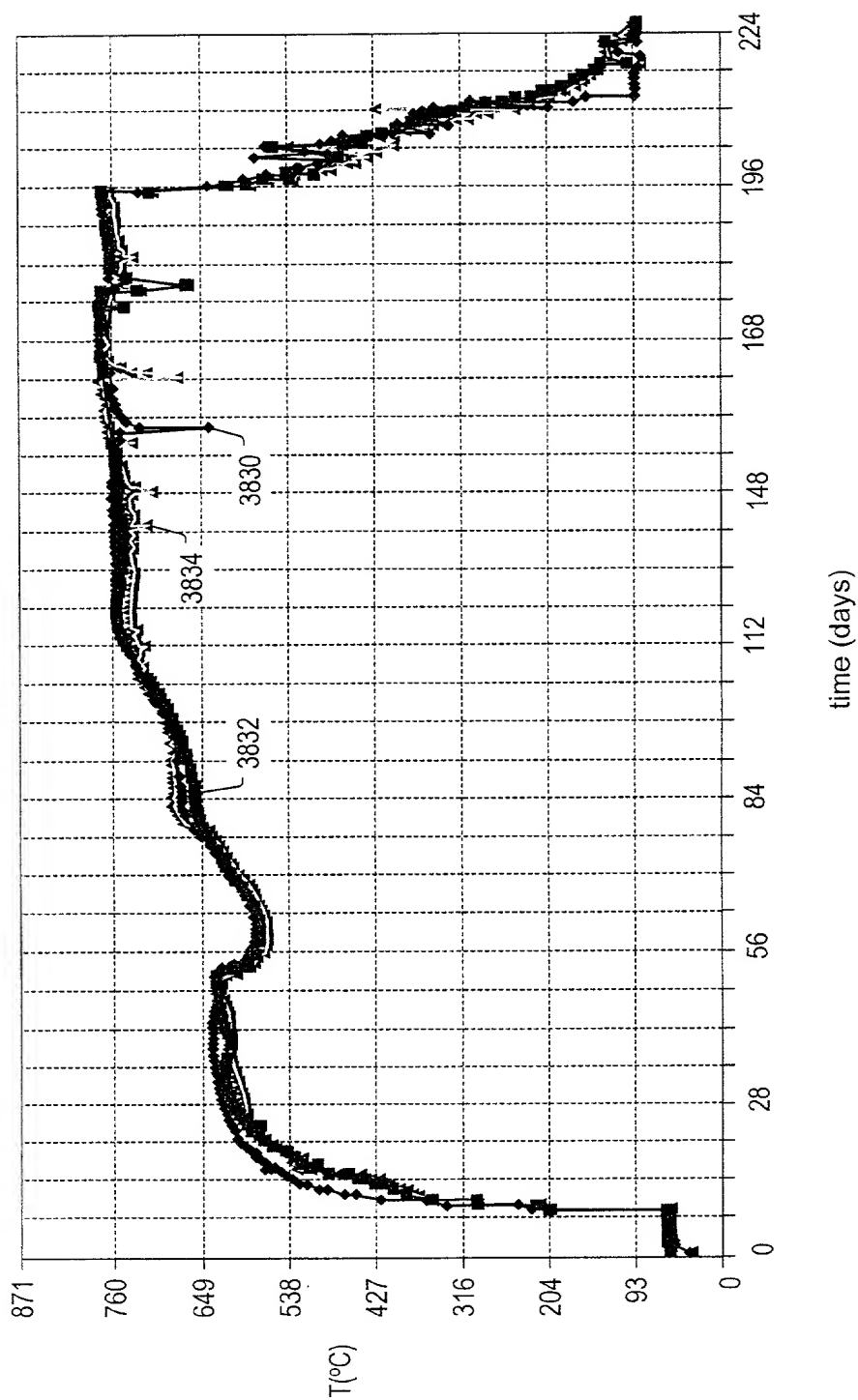


FIG. 101

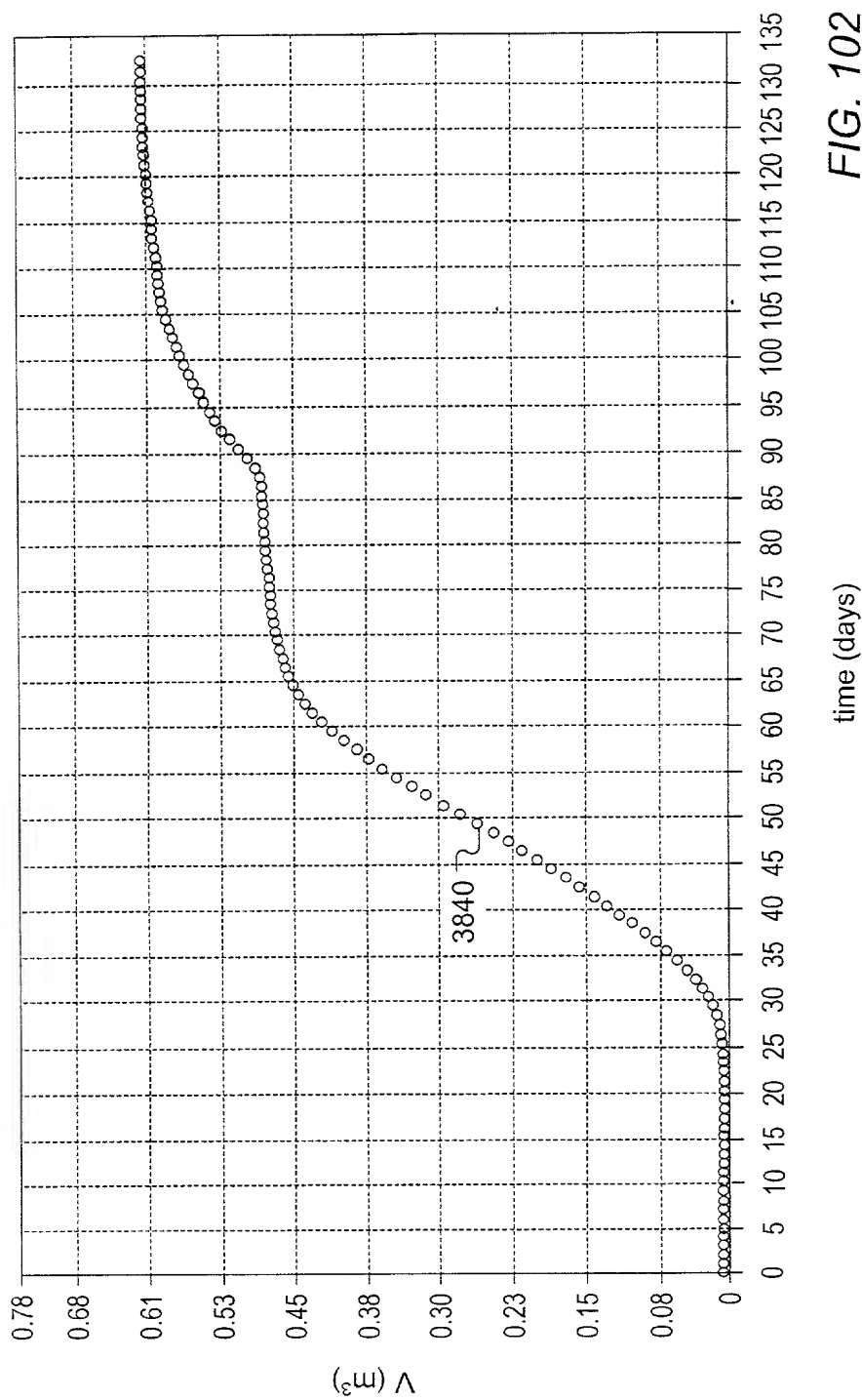


FIG. 102

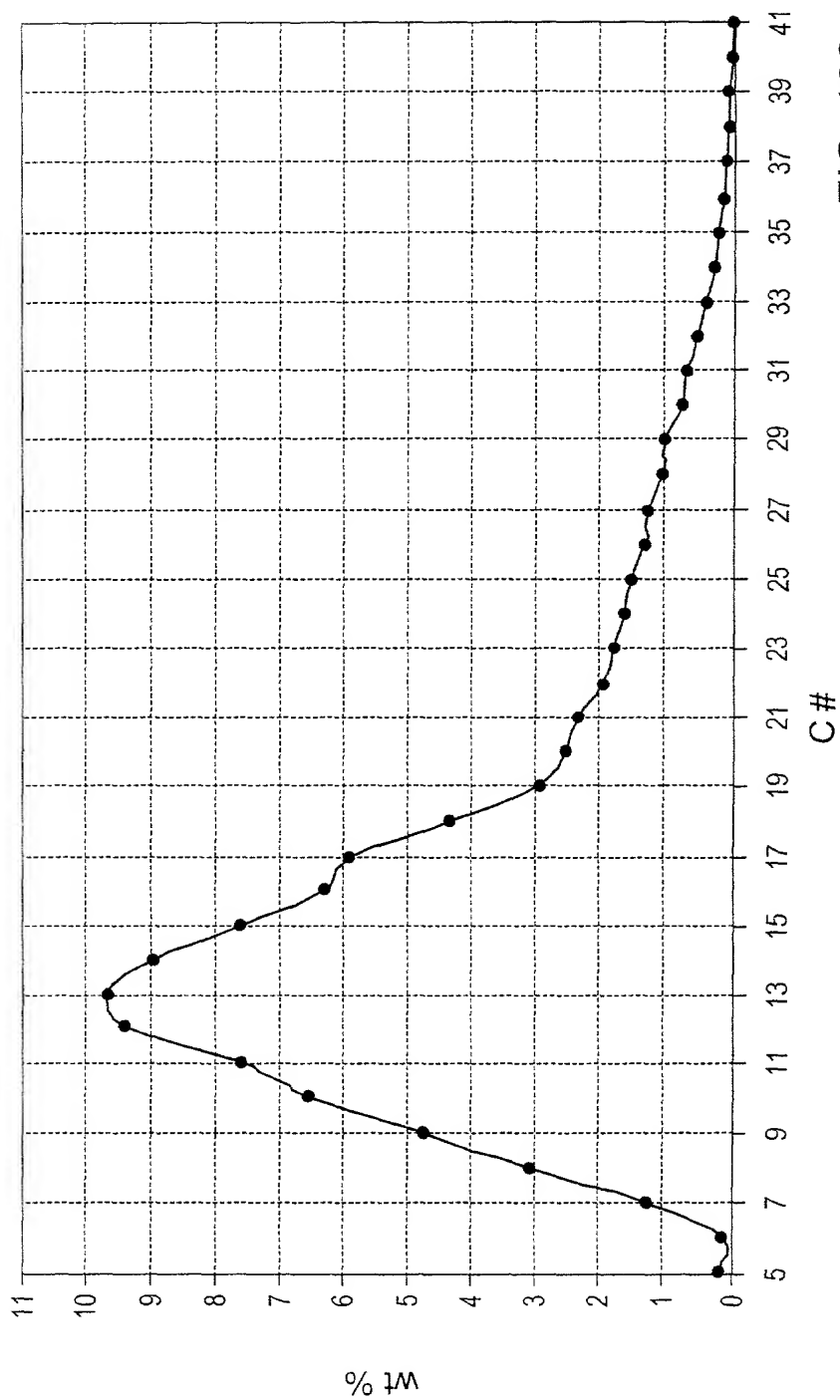


FIG. 103



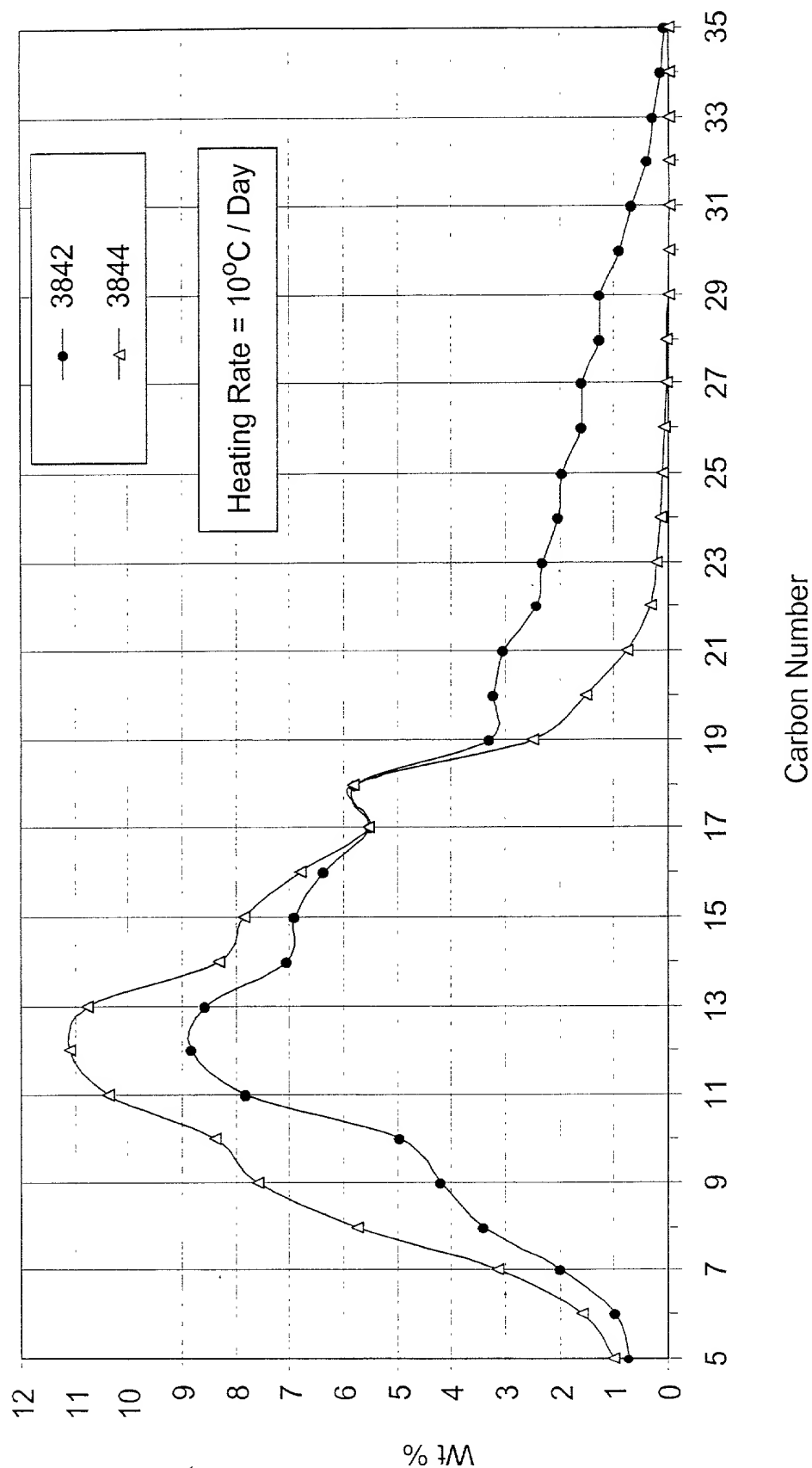


FIG. 104

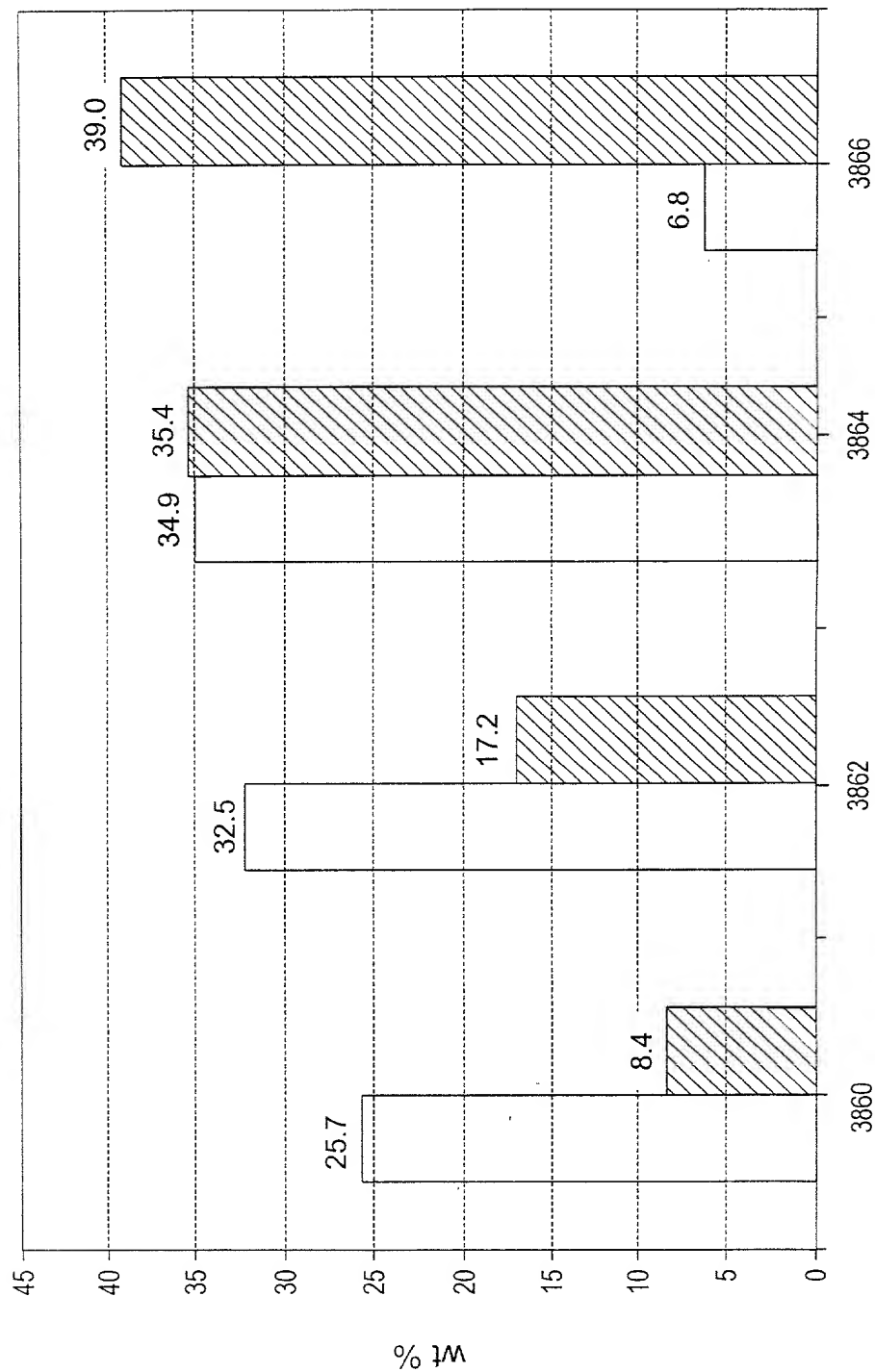


FIG. 105

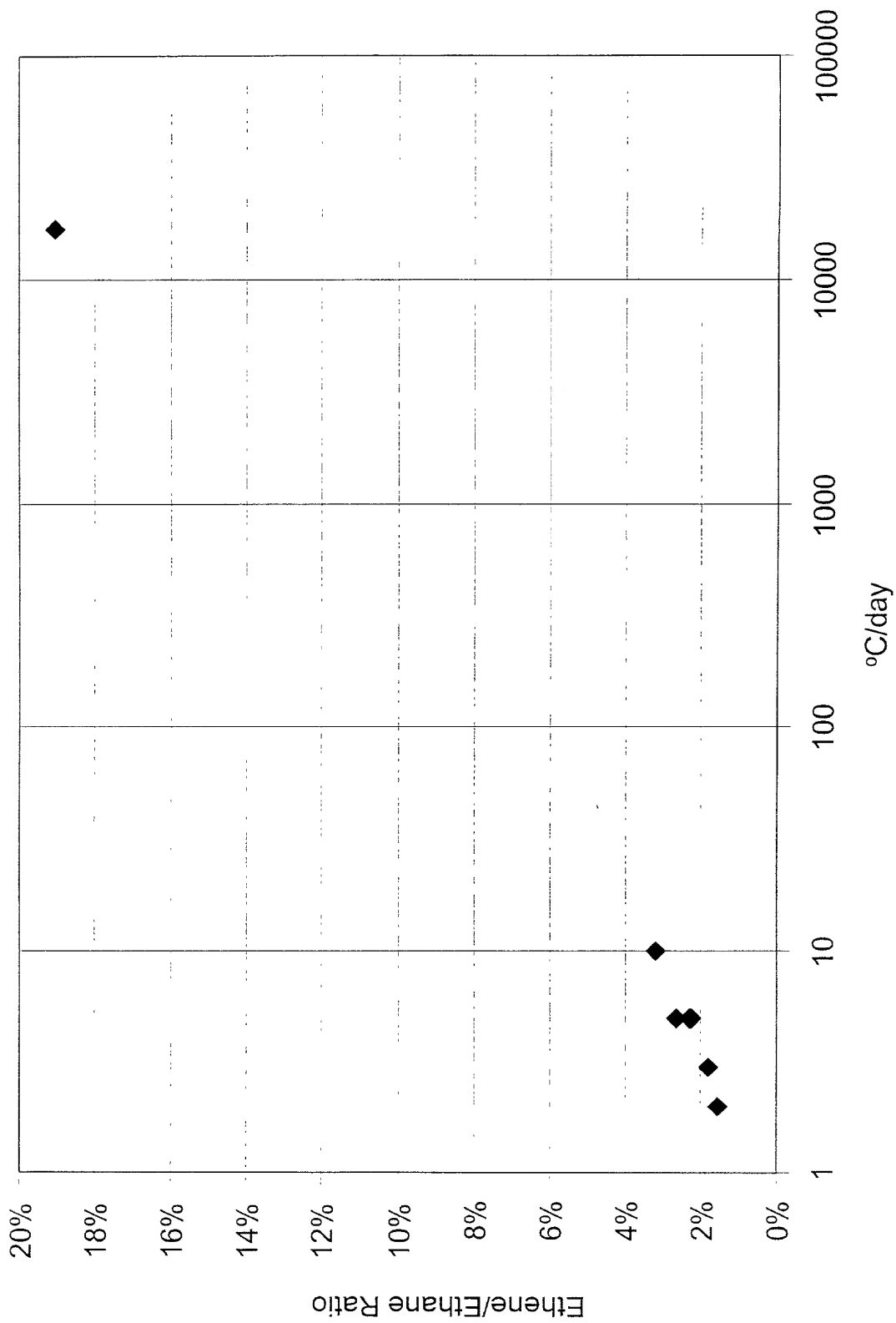


FIG. 106

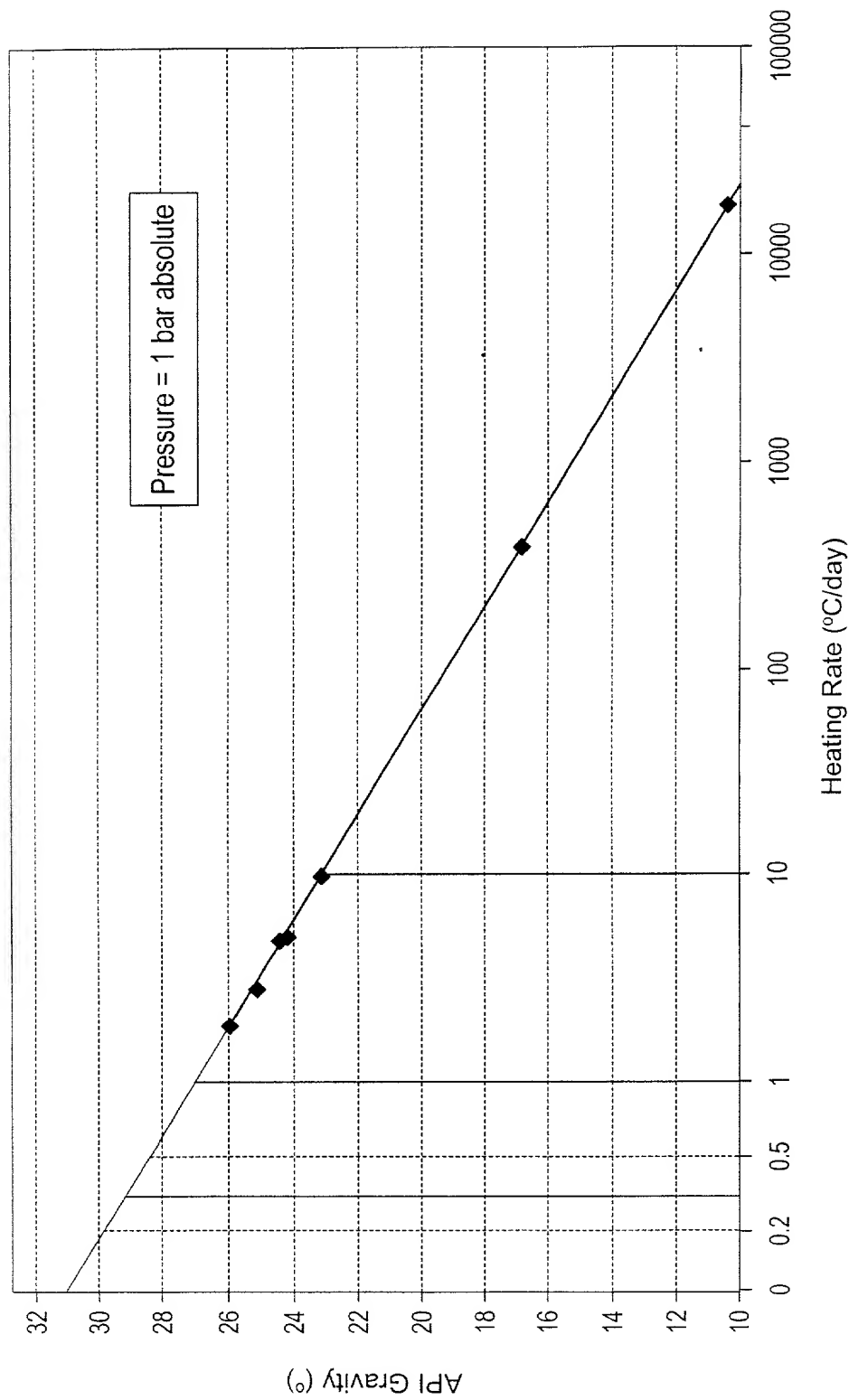


FIG. 107

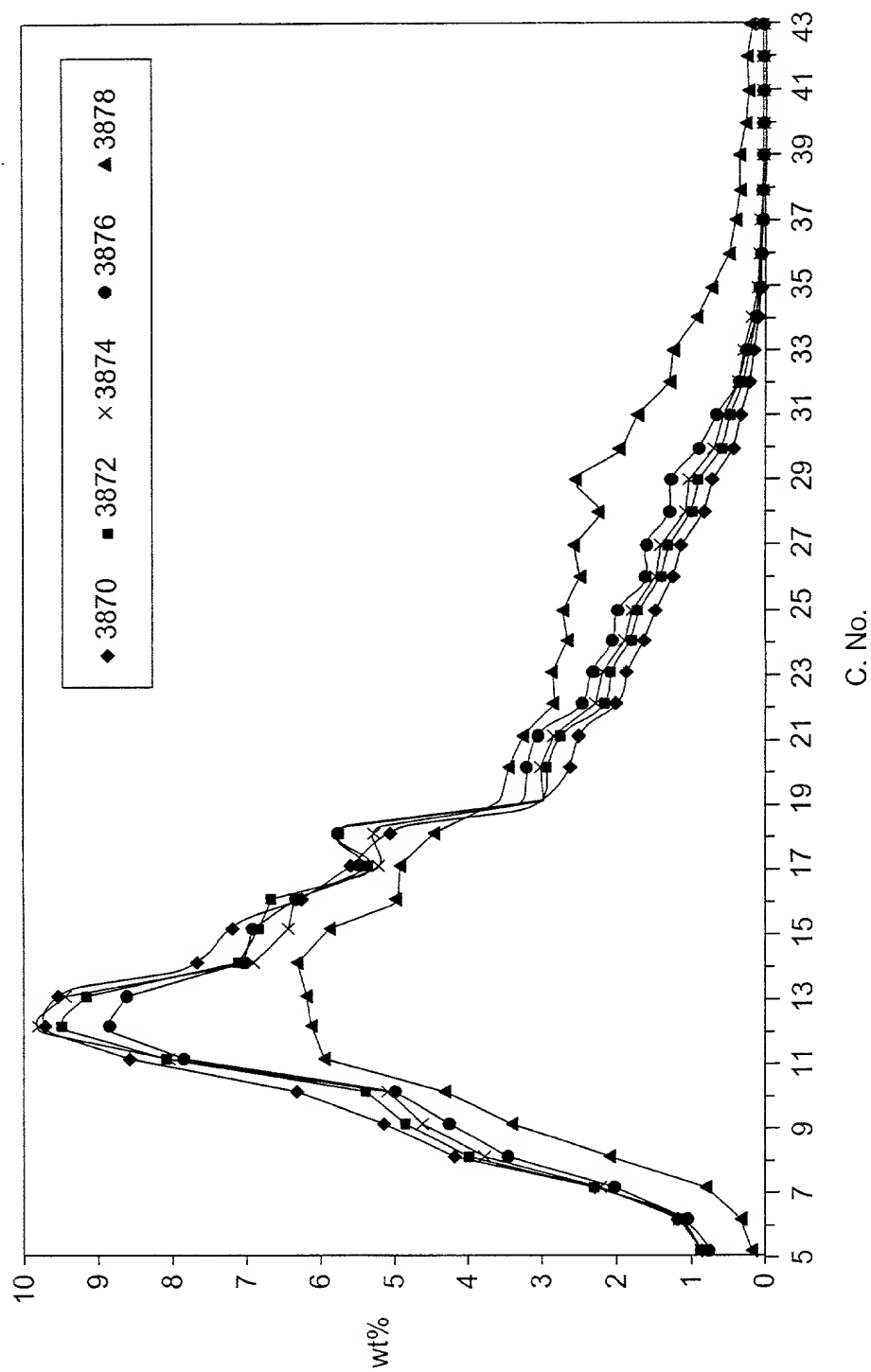


FIG. 108

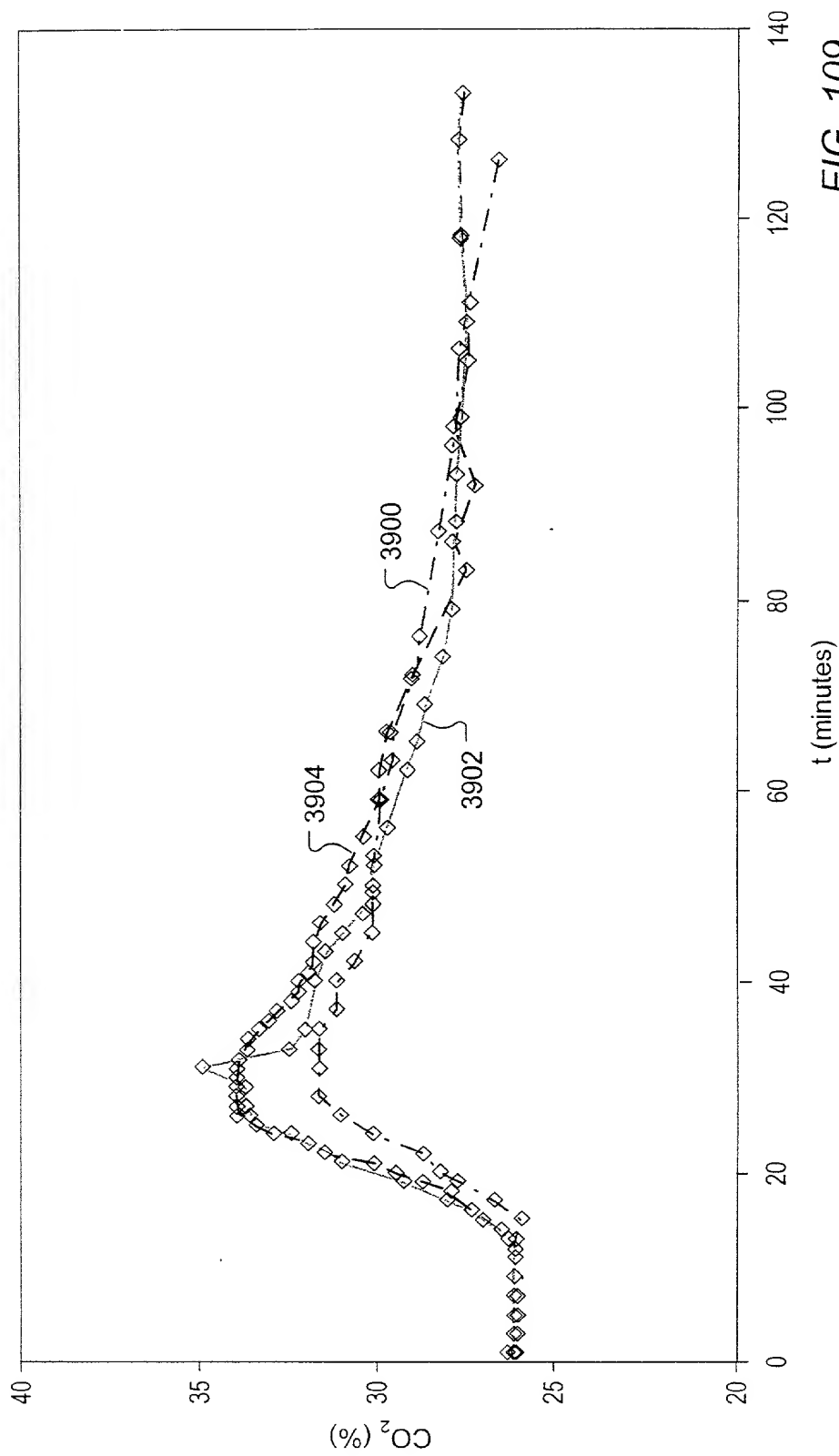


FIG. 109

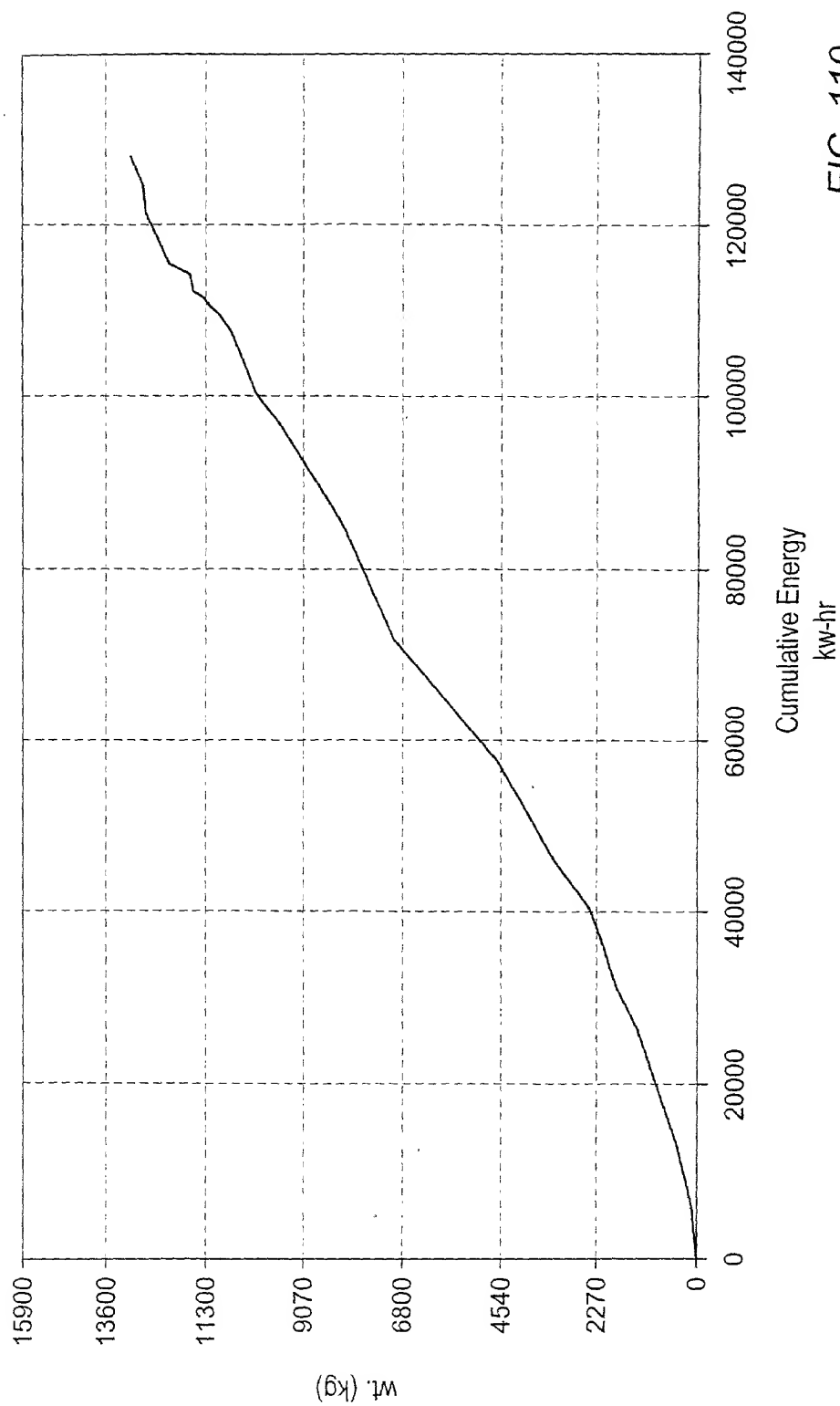


FIG. 110

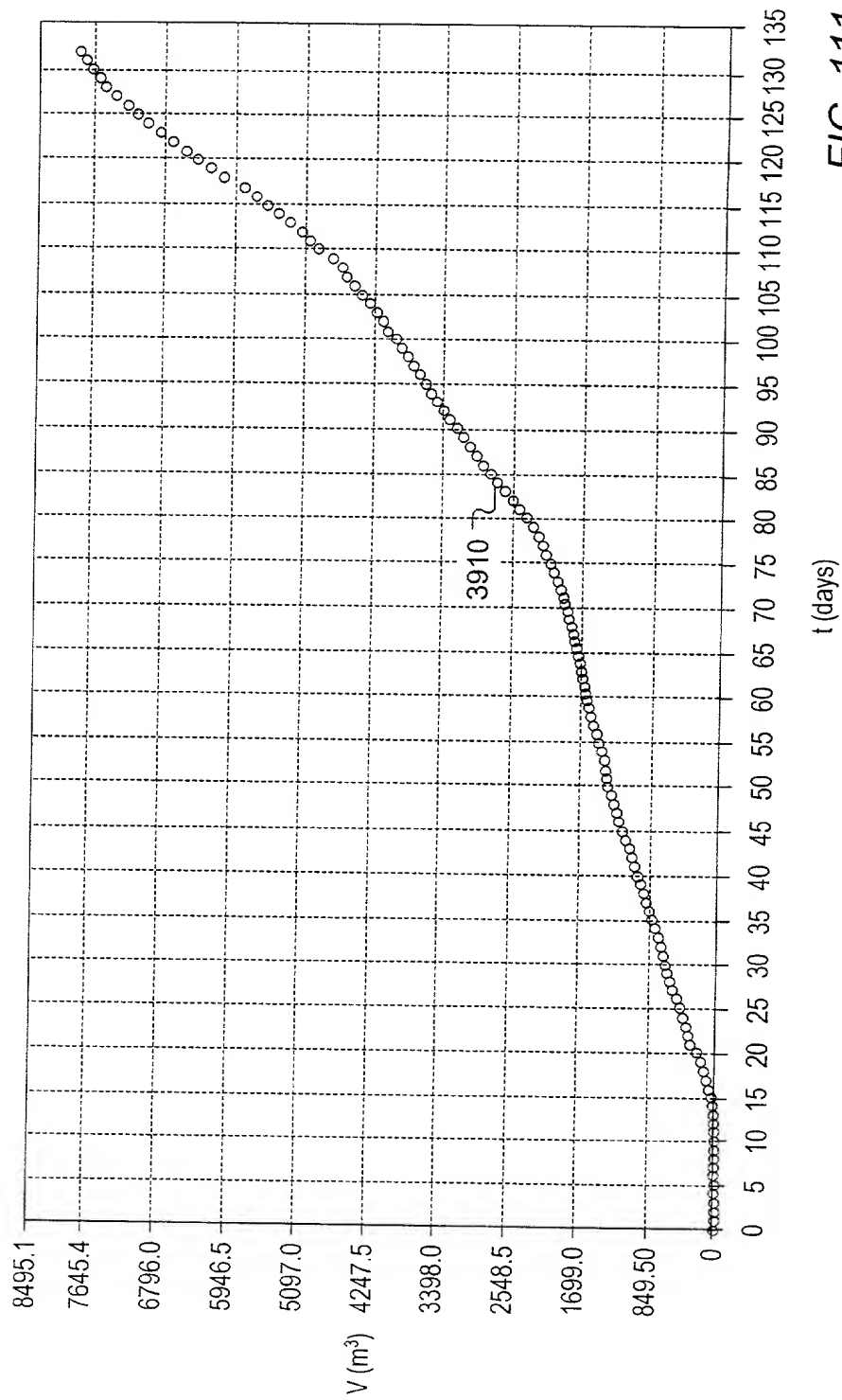


FIG. 111



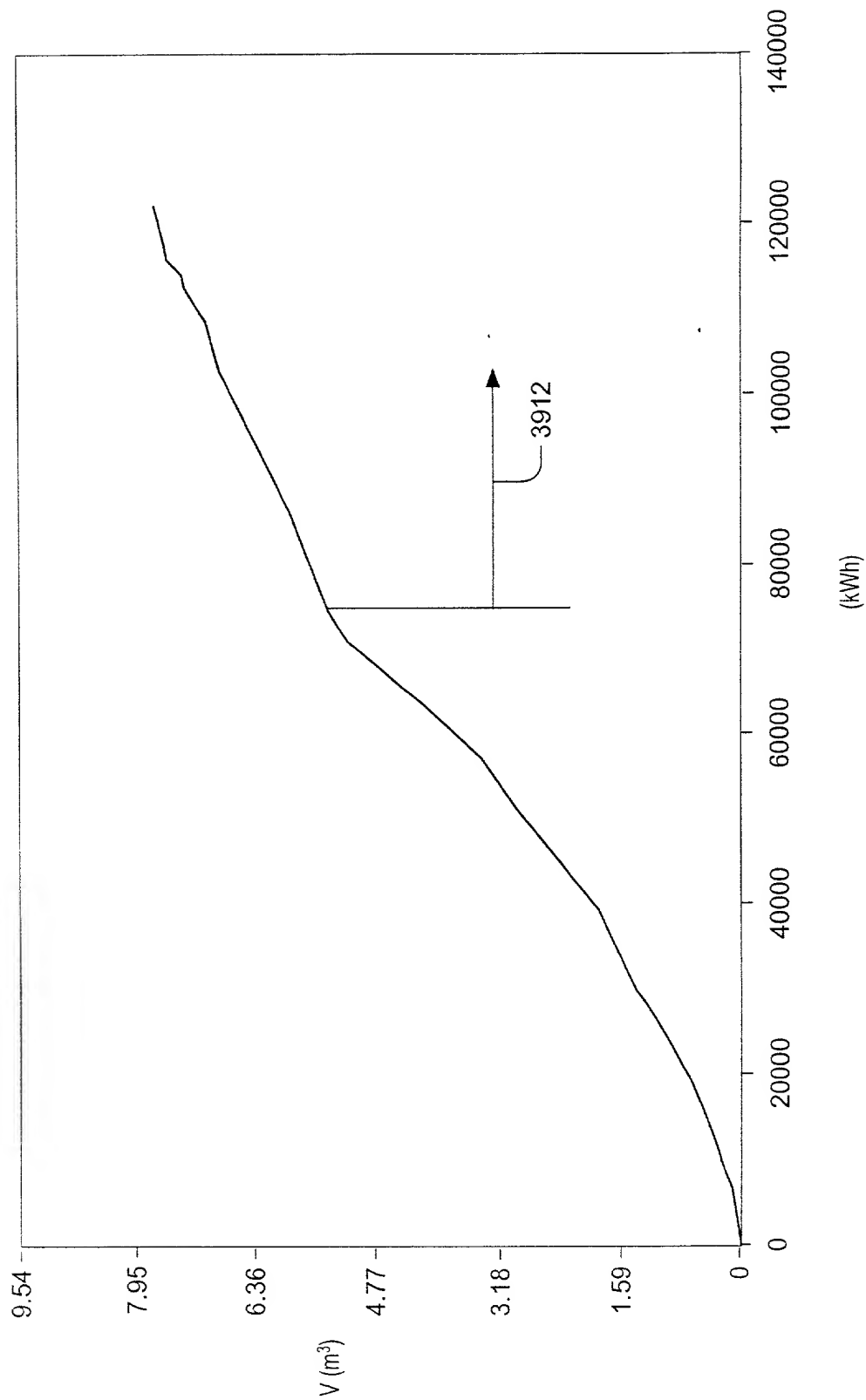


FIG. 112



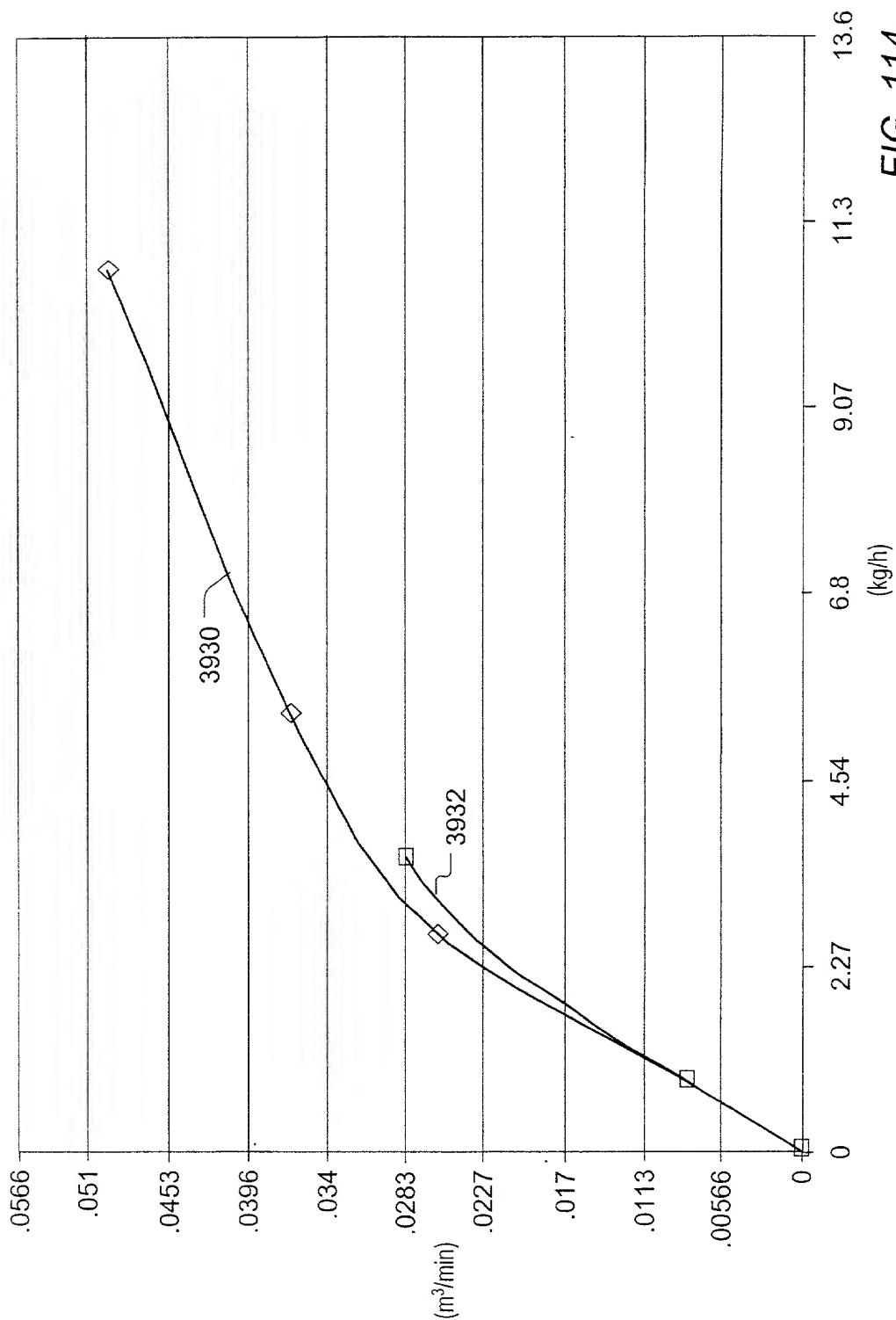


FIG. 114

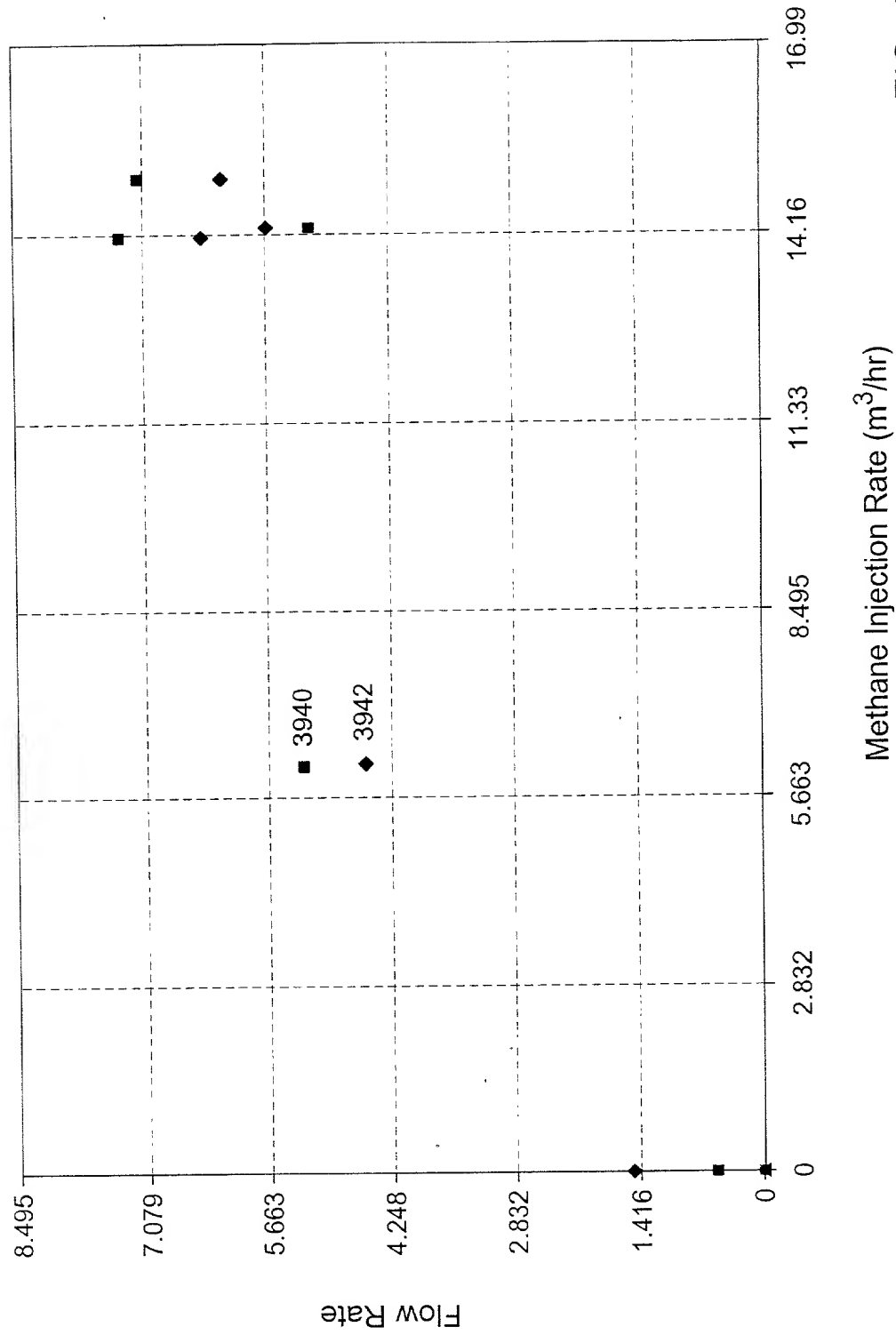


FIG. 115

FIG. 116

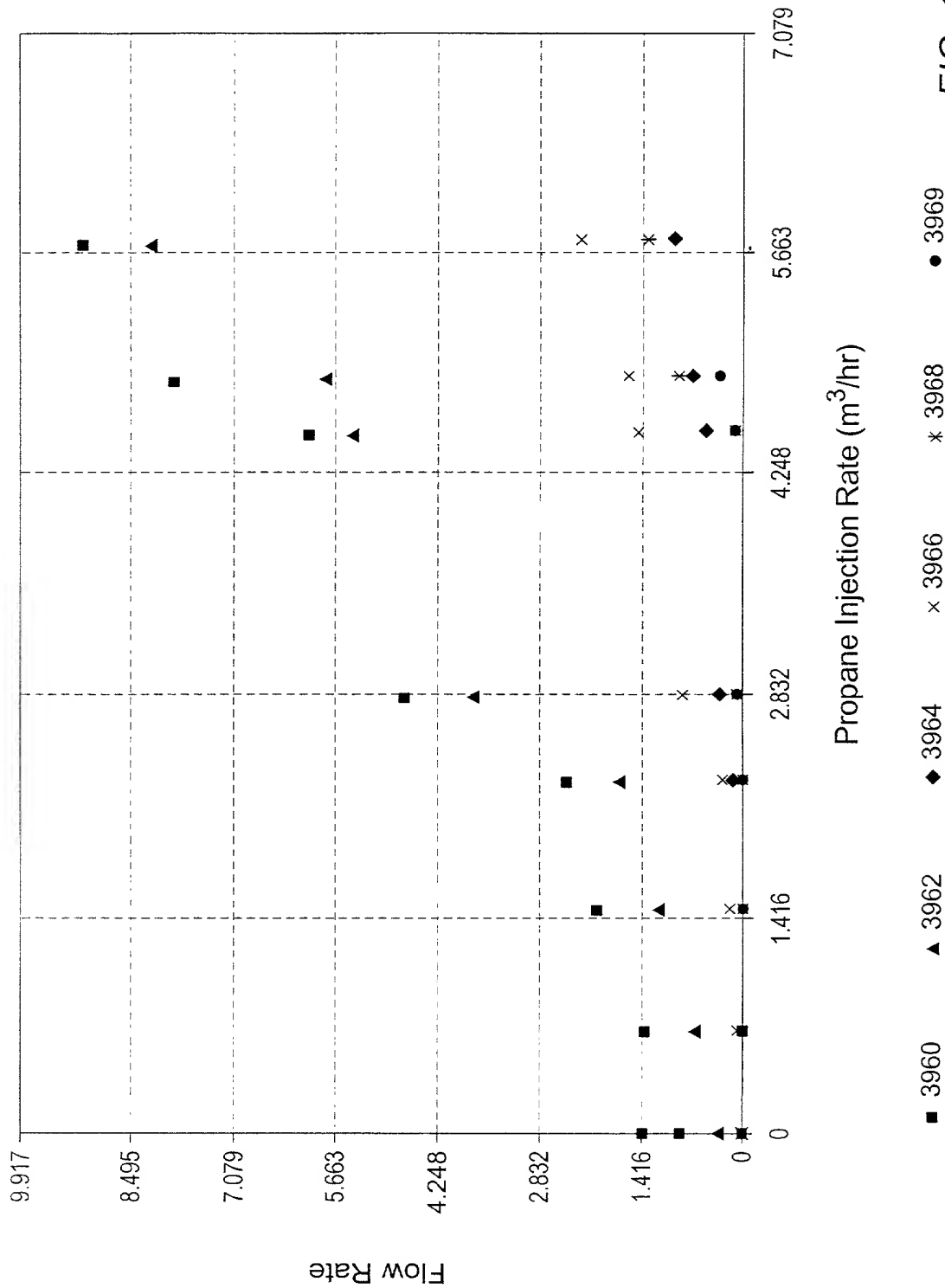


FIG. 117

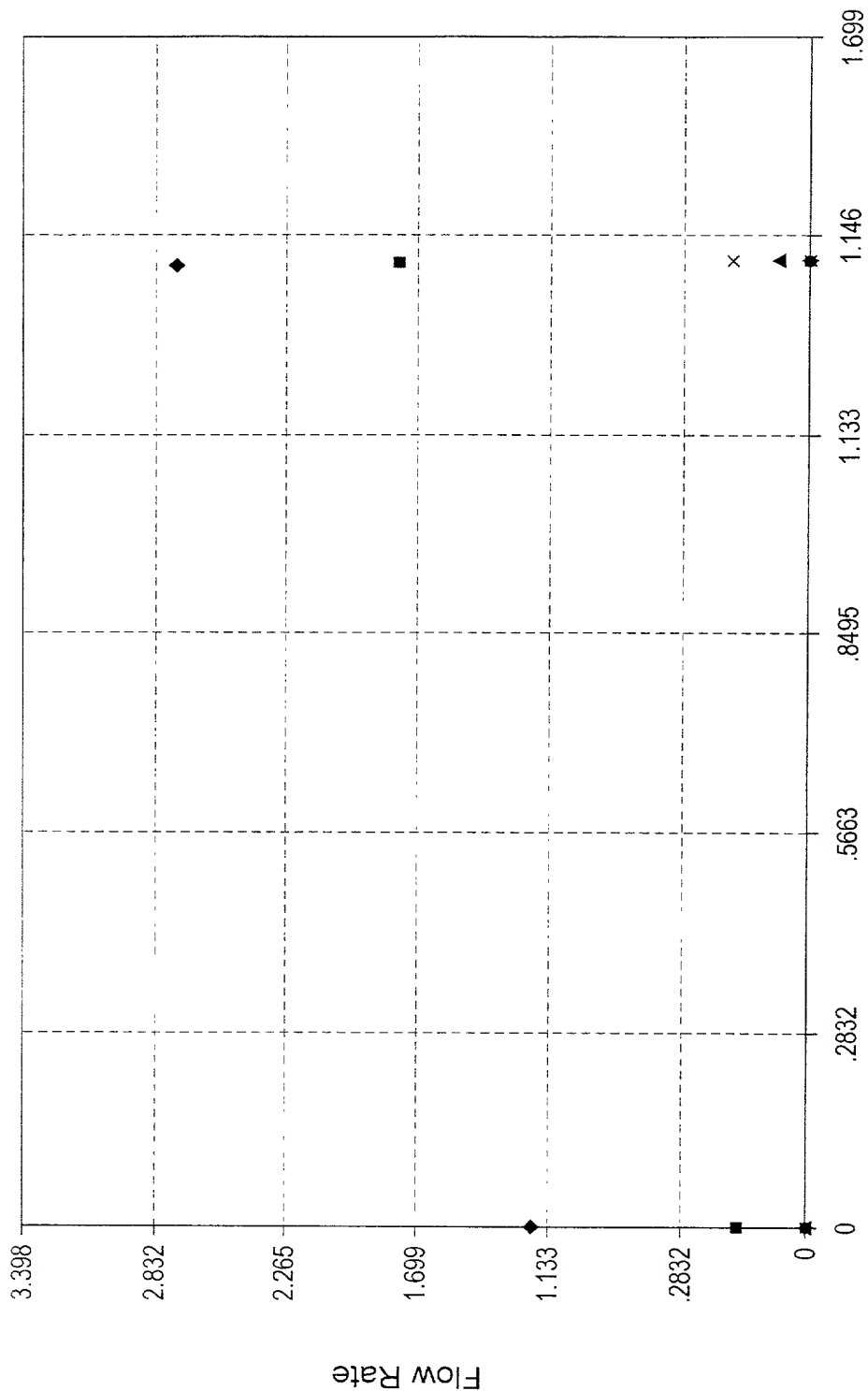


FIG. 118

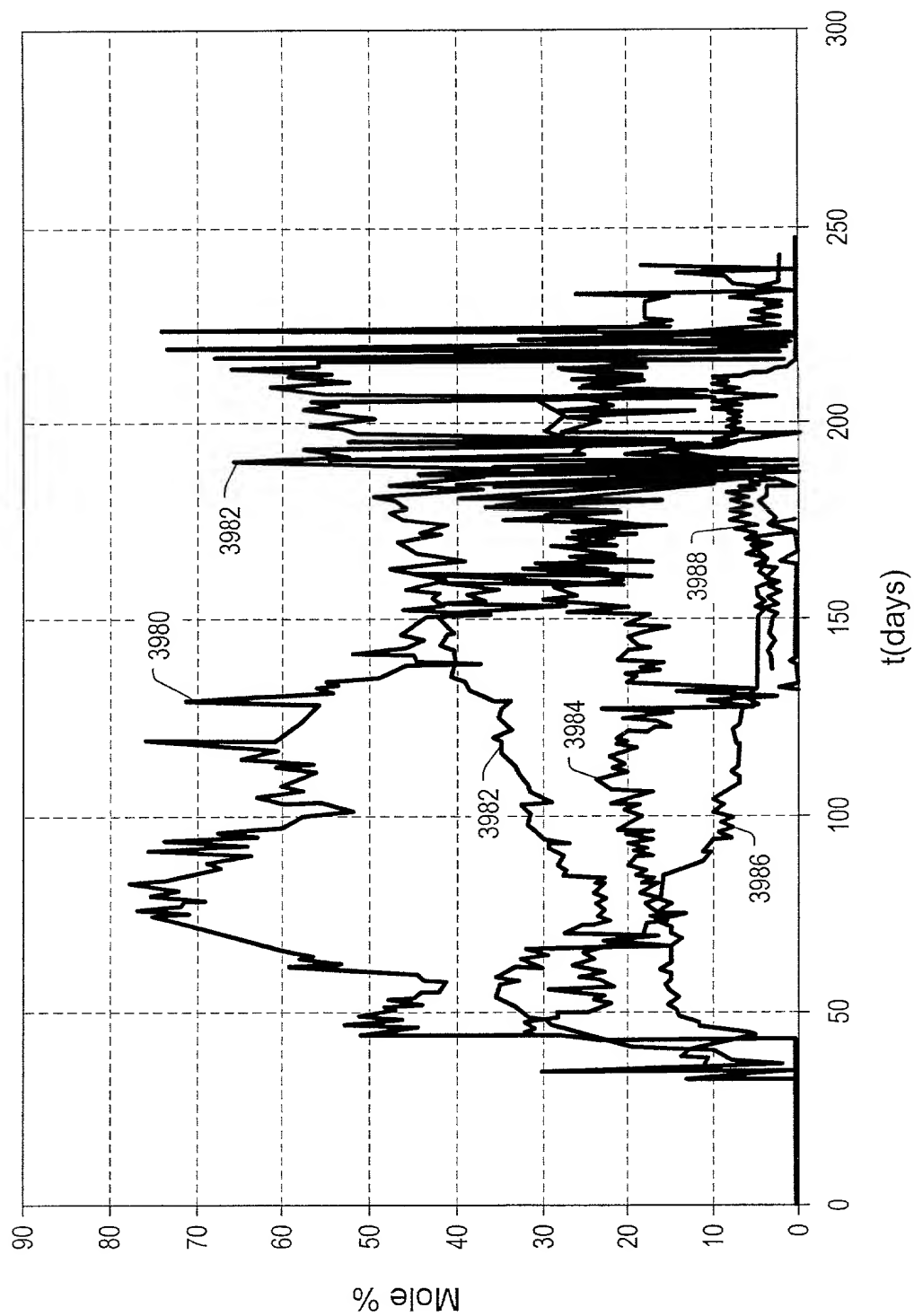


FIG. 119



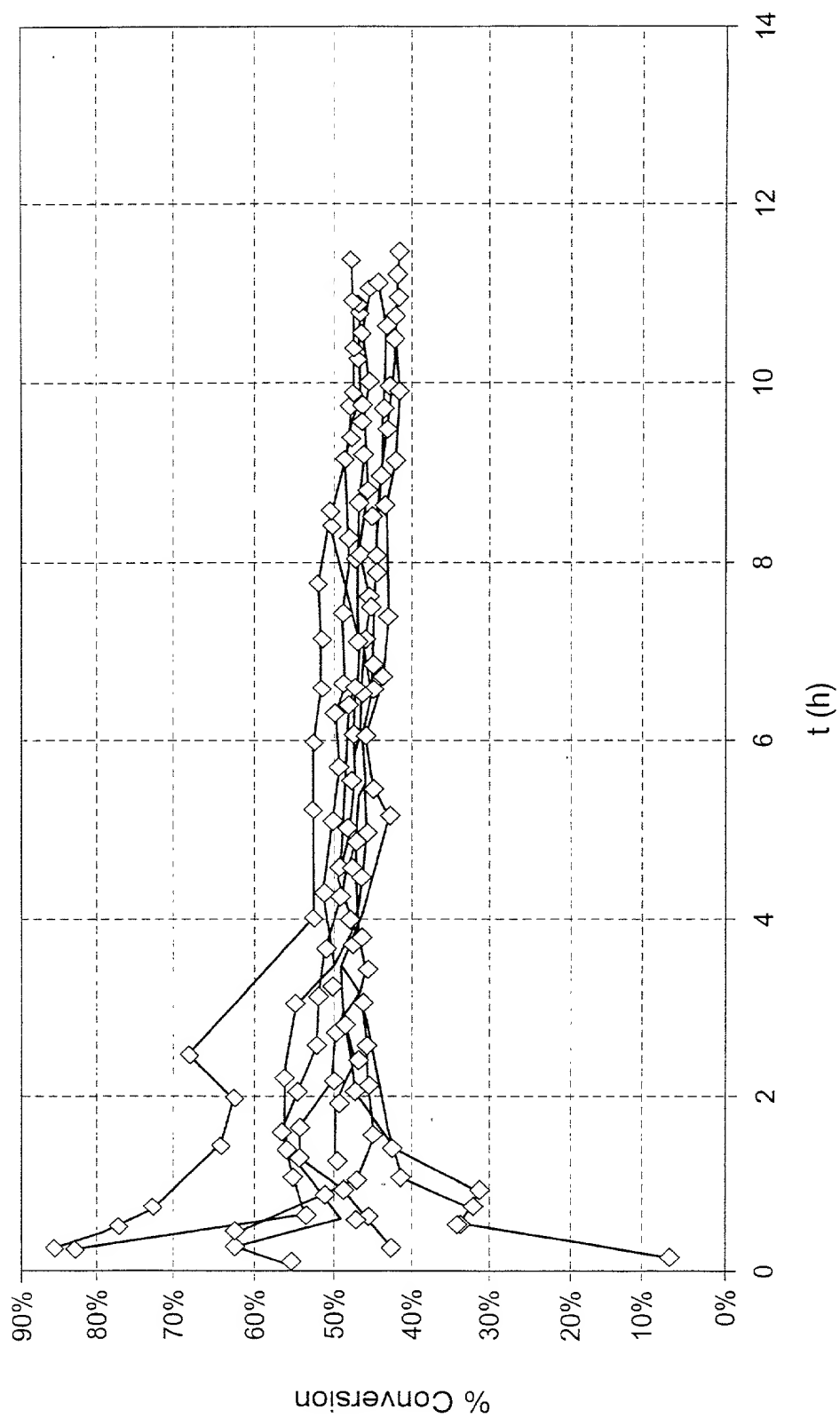


FIG. 120

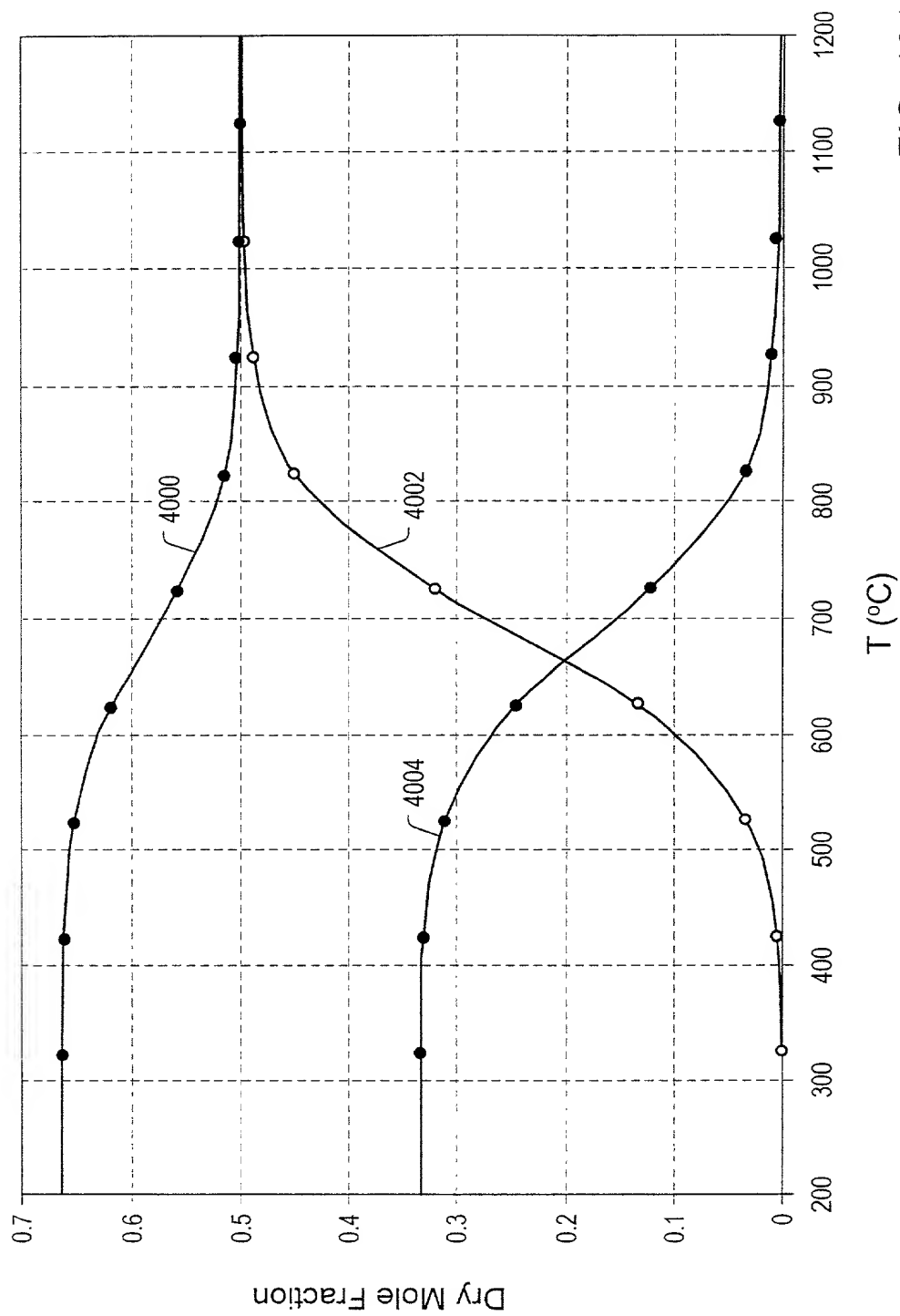


FIG. 121

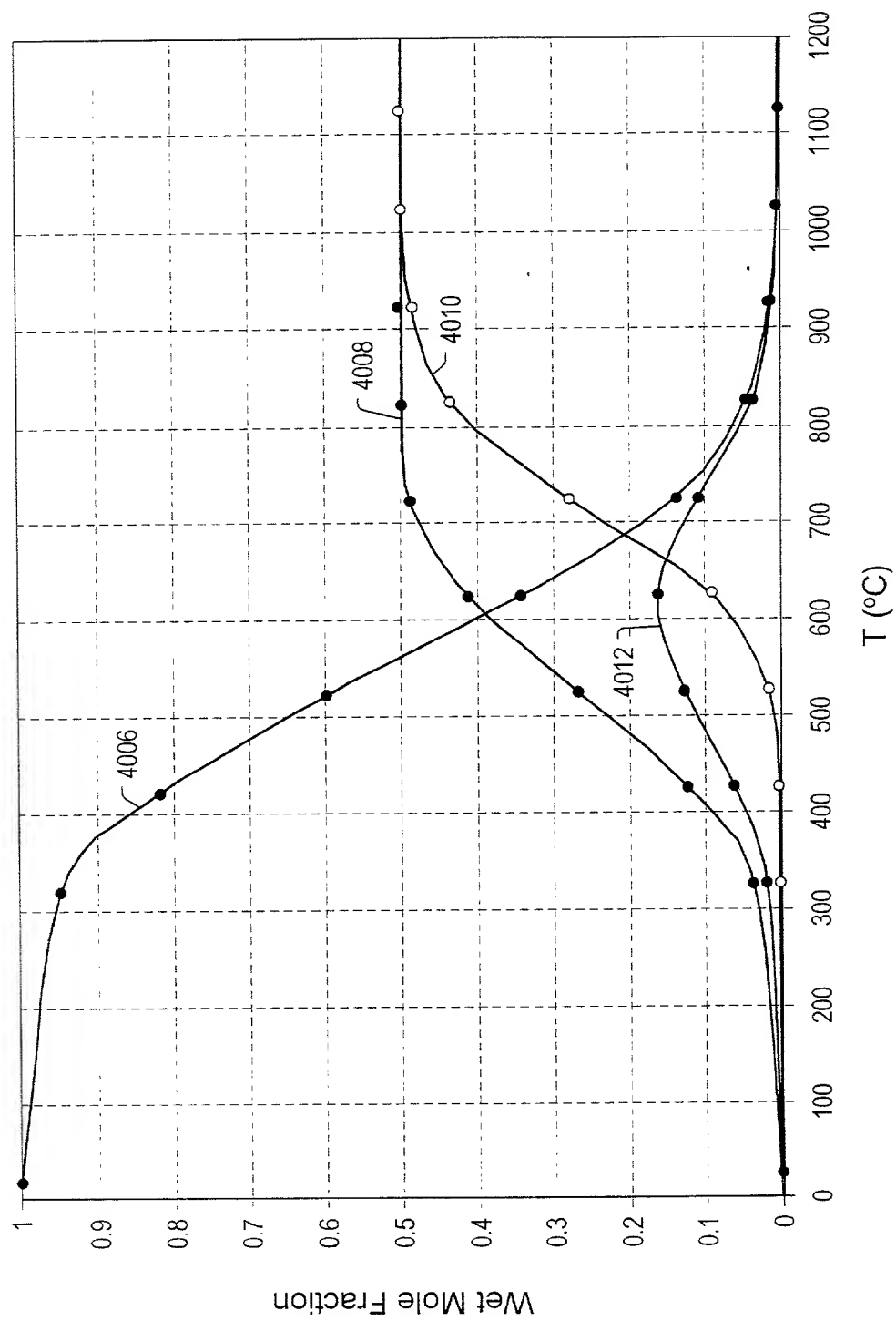


FIG. 122

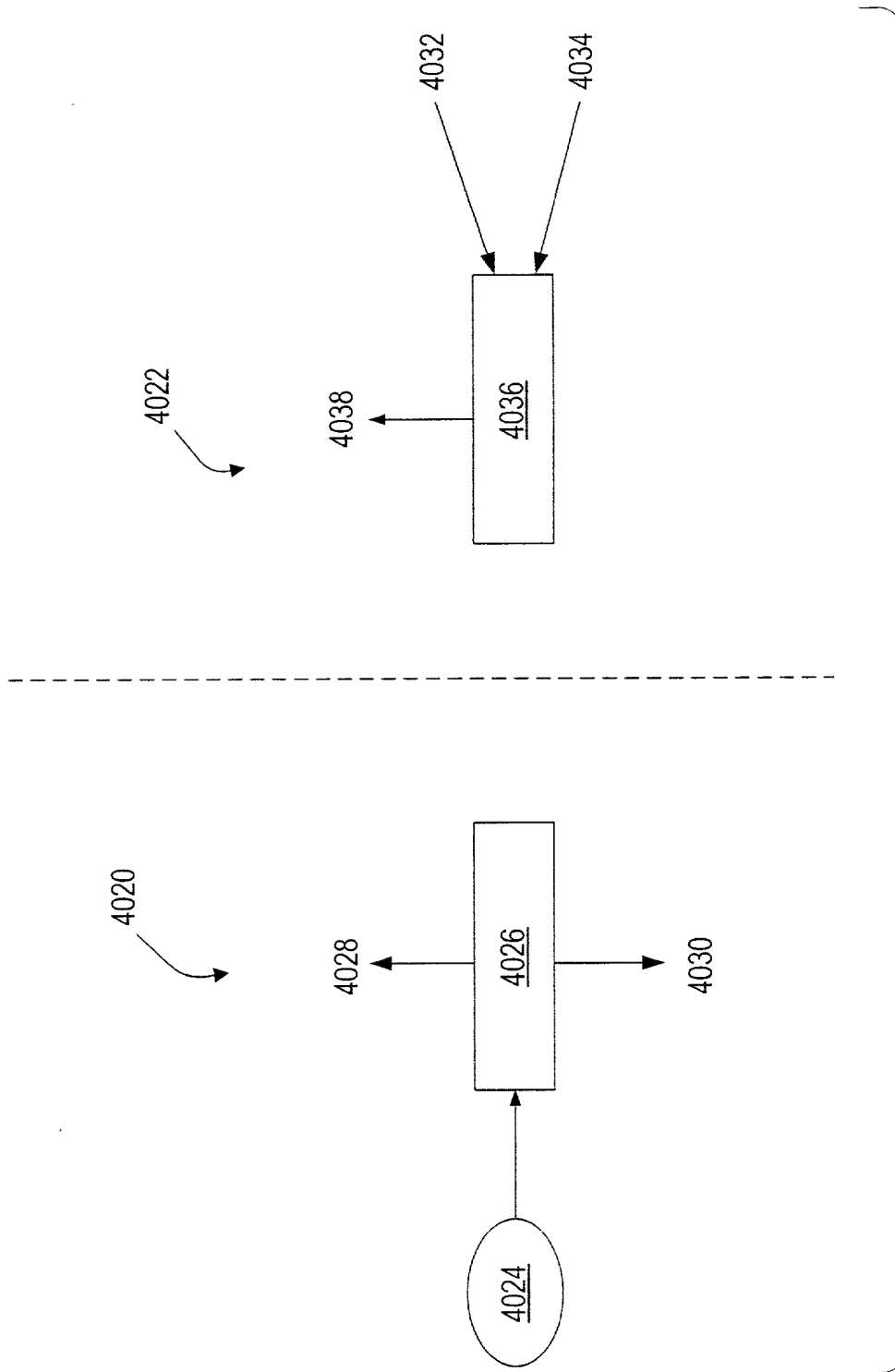


FIG. 123

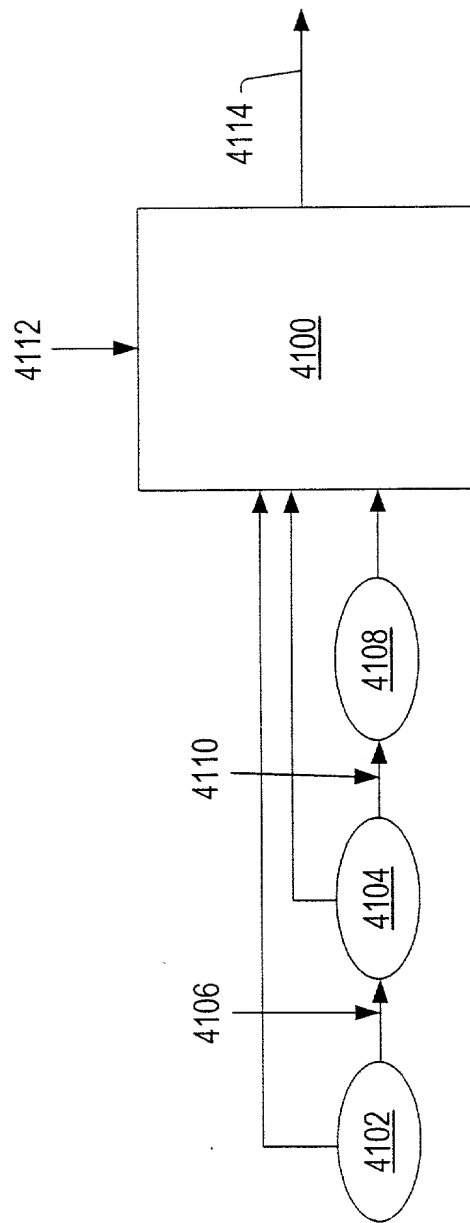


FIG. 124

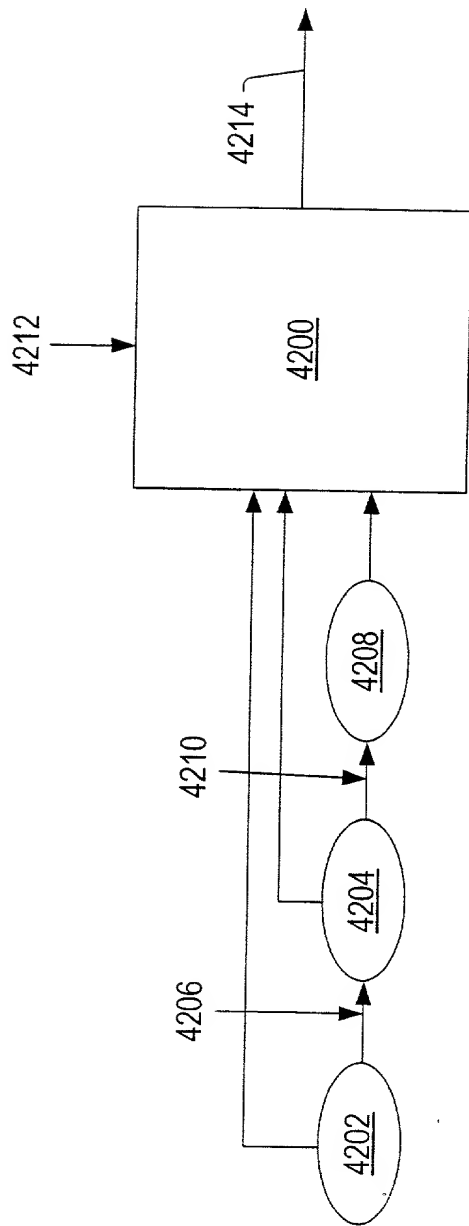


FIG. 125

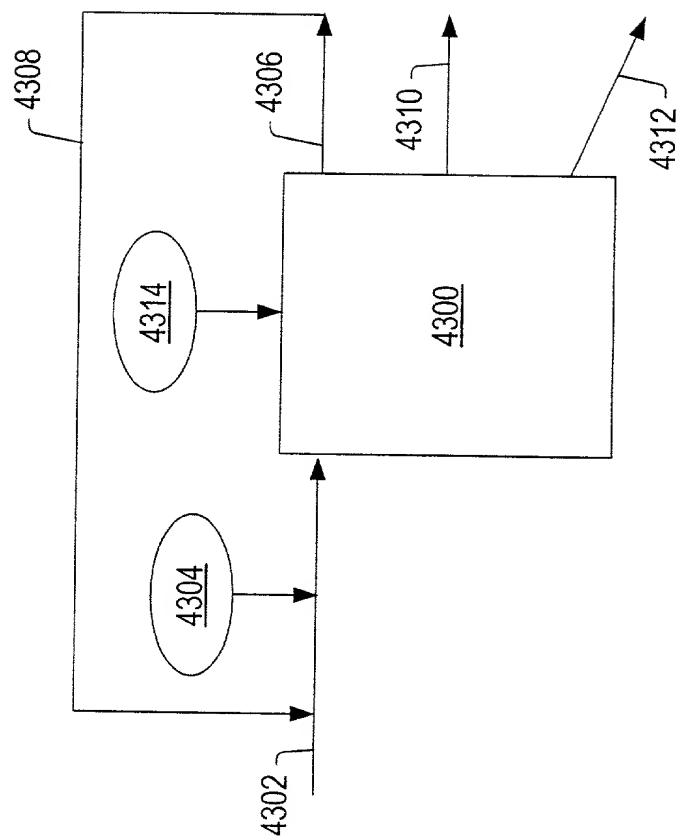


FIG. 126

FIG. 127

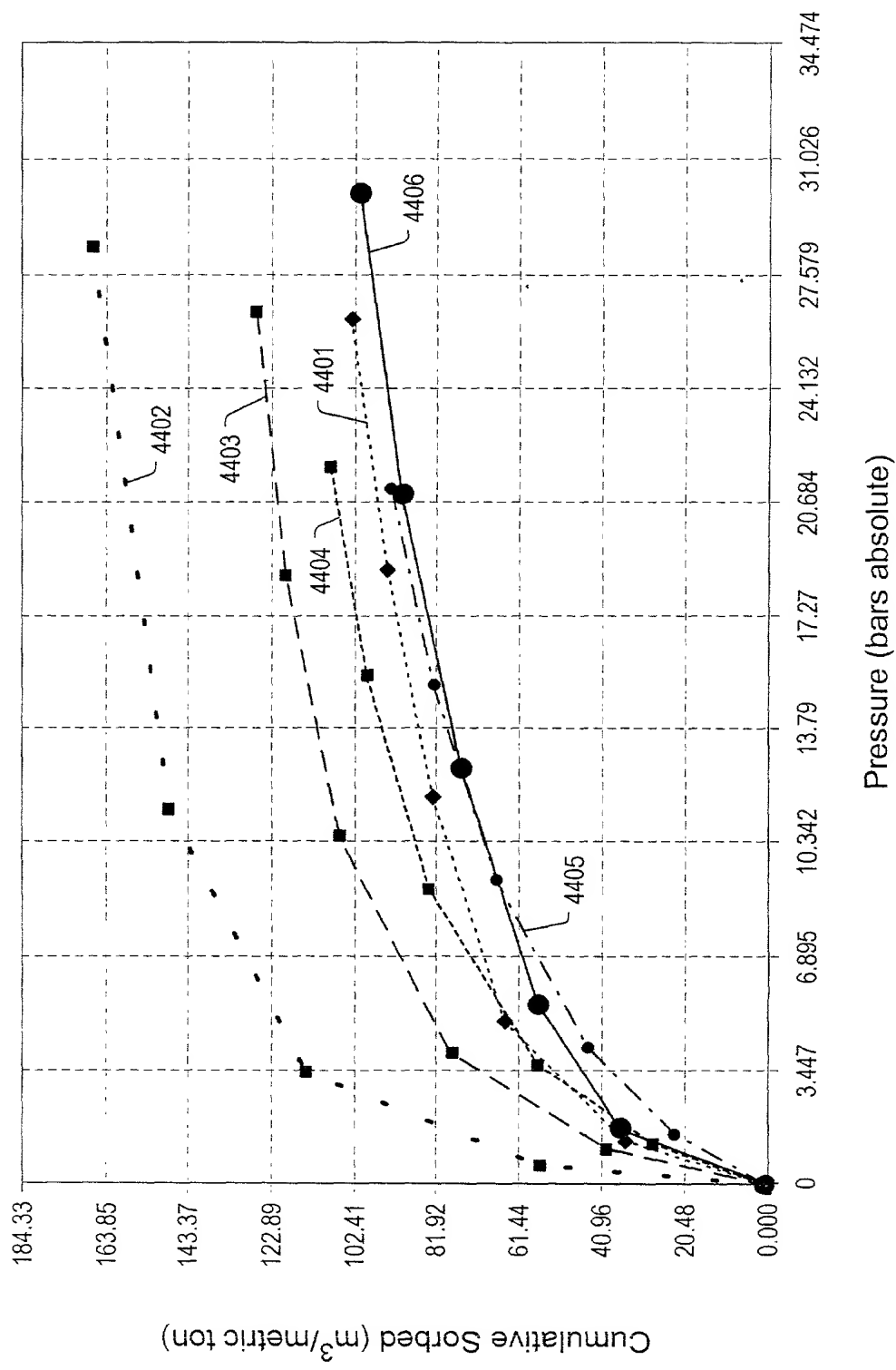


FIG. 127



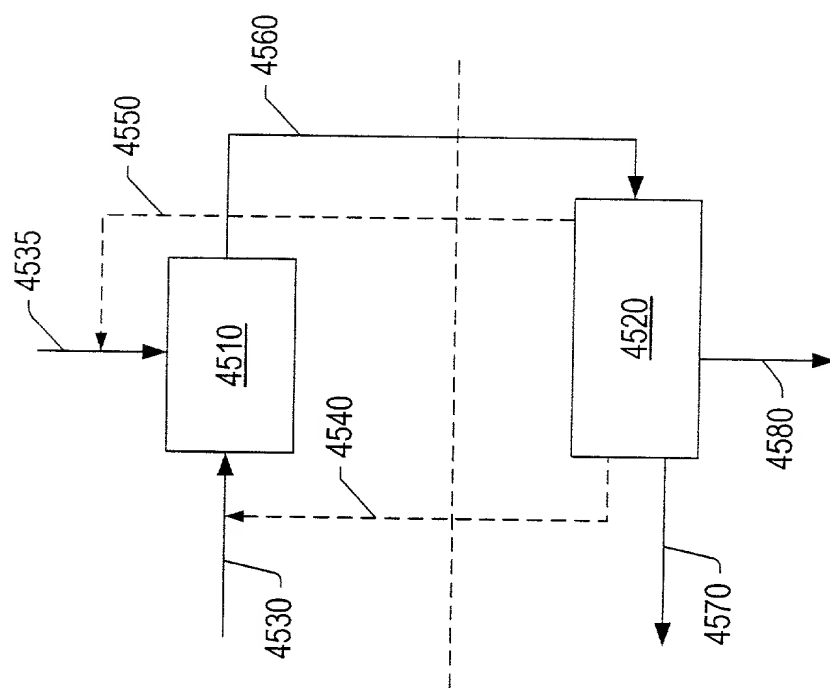


FIG. 128

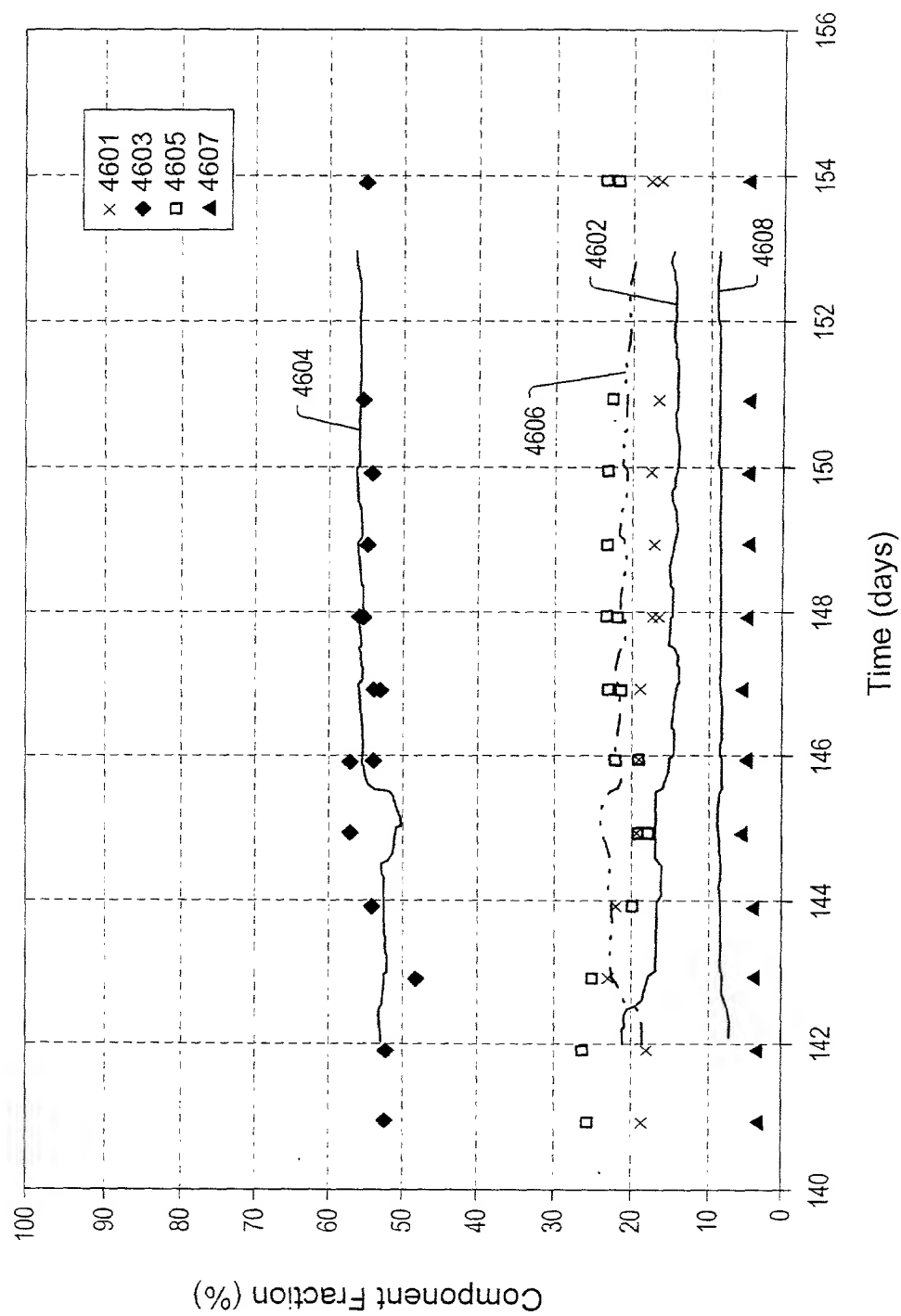


FIG. 129

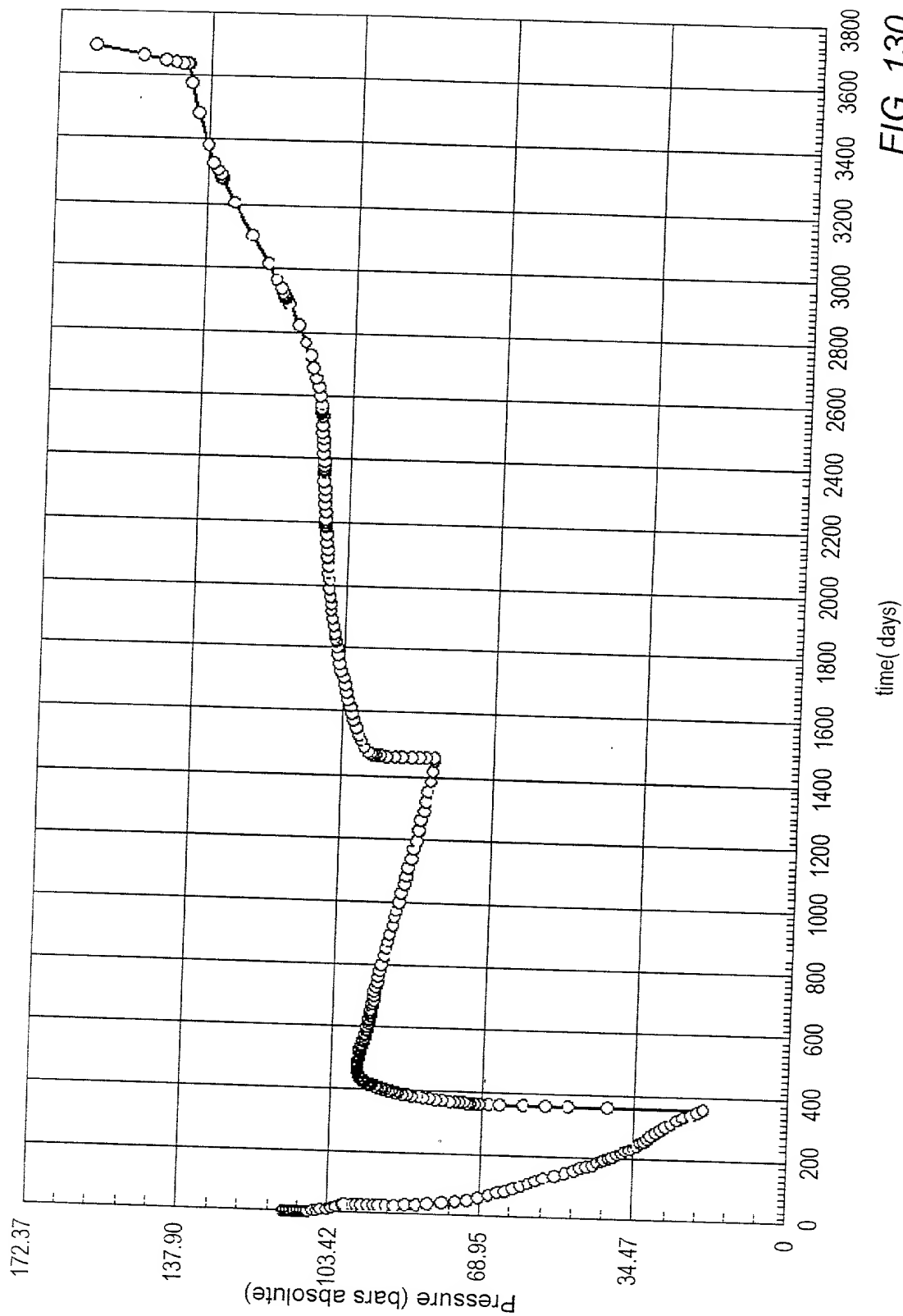


FIG. 130

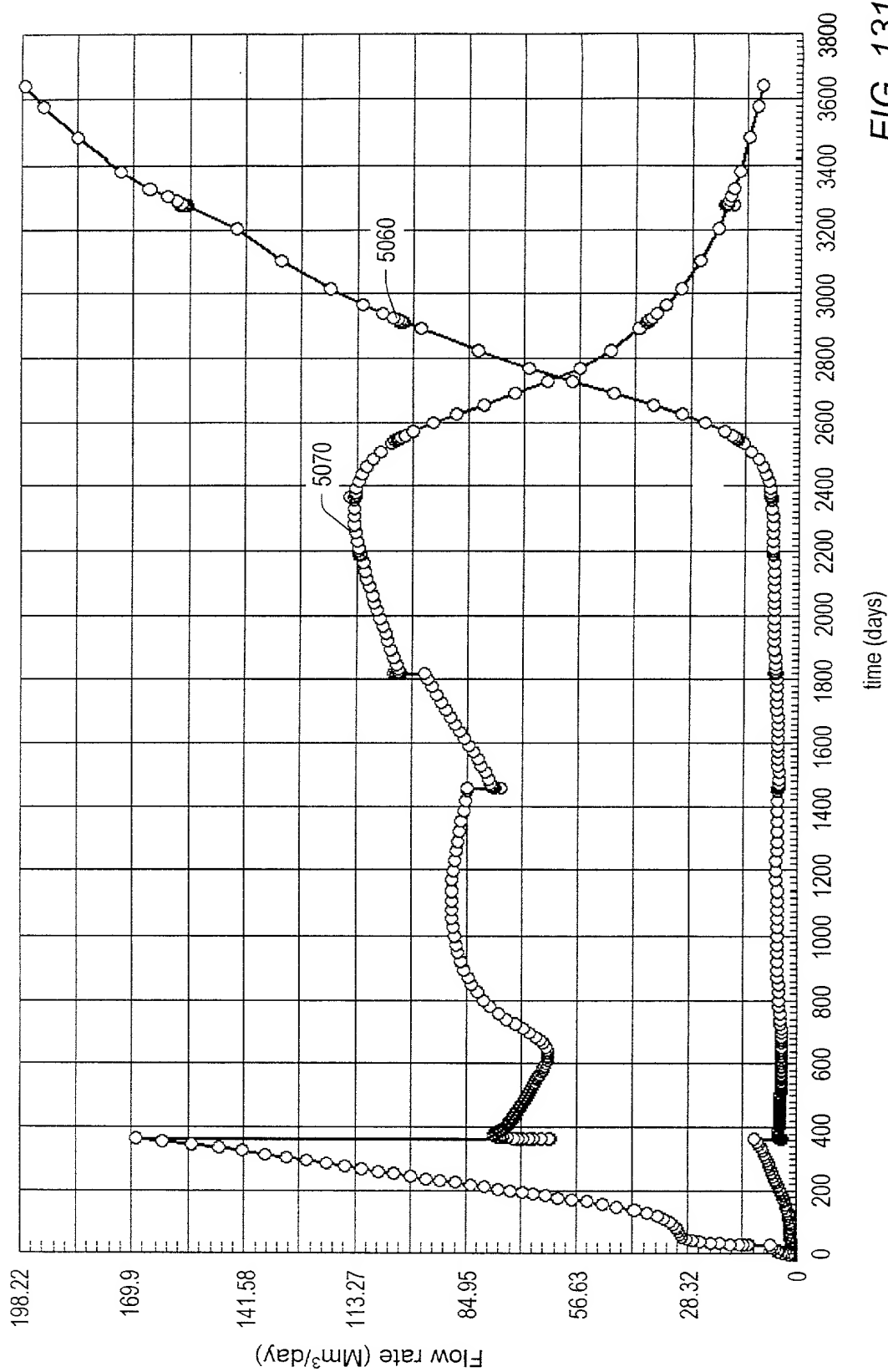


FIG. 131

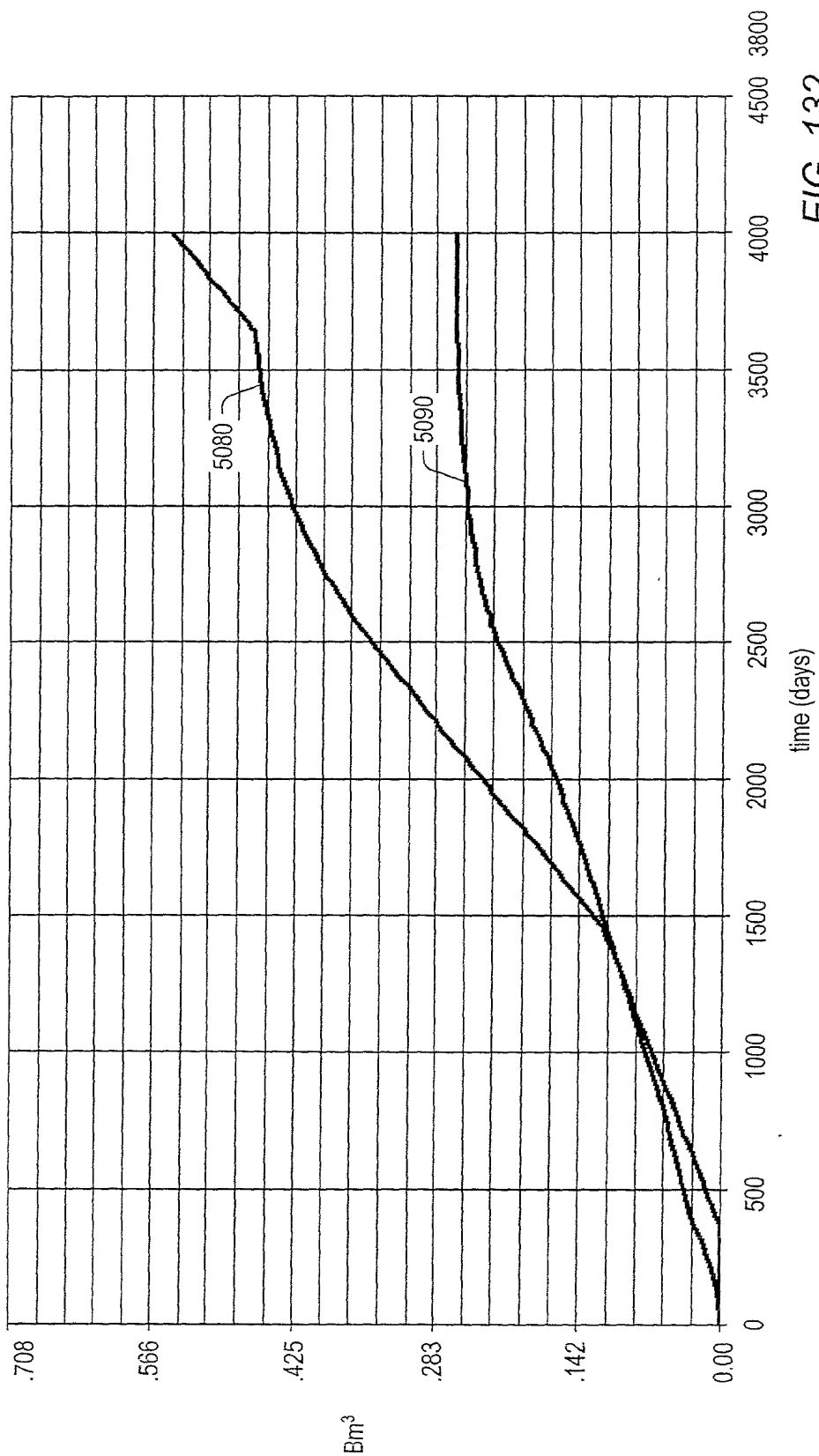


FIG. 132

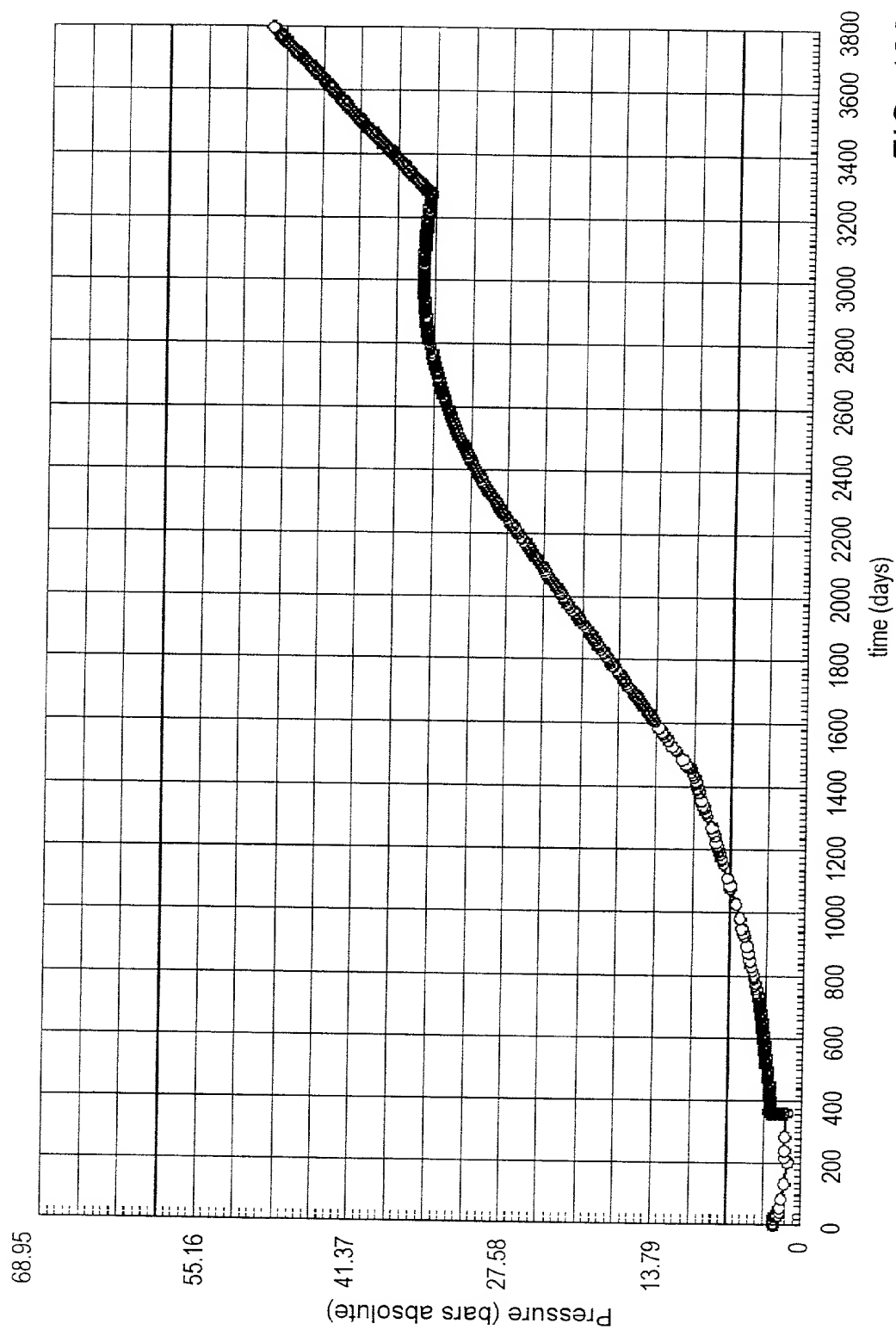


FIG. 133

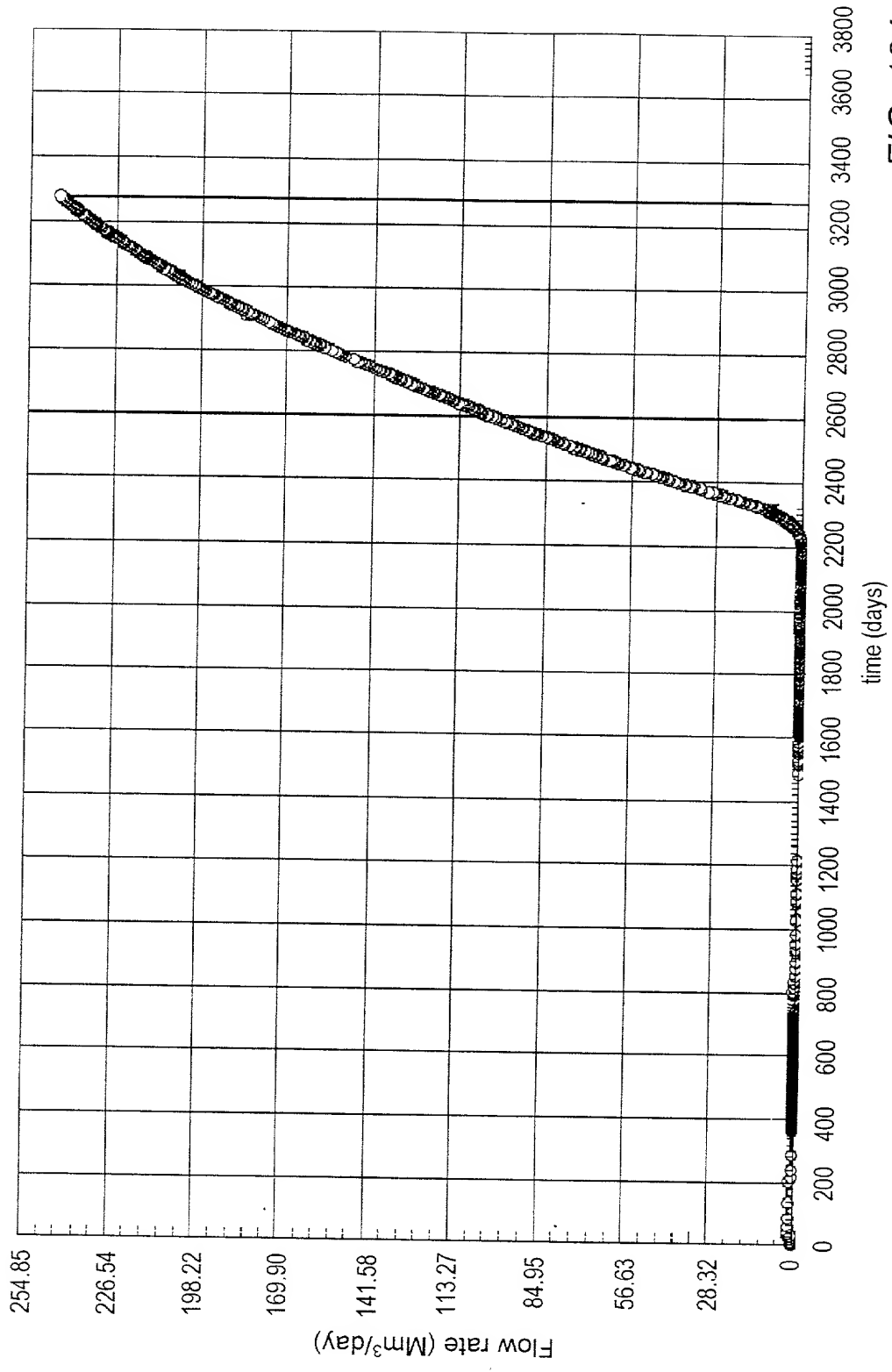


FIG. 134

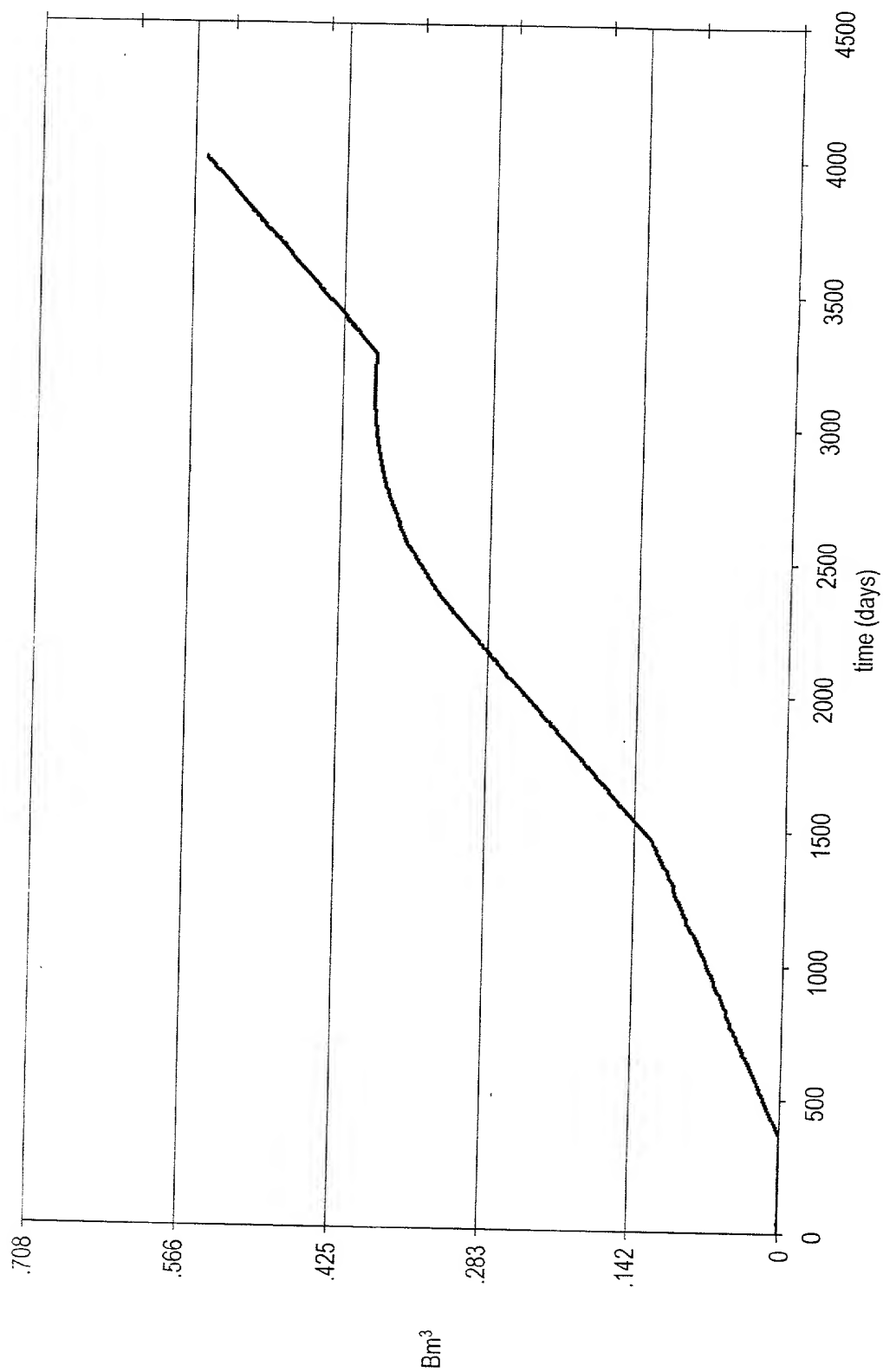


FIG. 135